

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

No. PWD/DPD/CB-Tender/2023-
To

7992-93

Dated:- 26-02-2024

The Executive Engineer (IT Cell)
Nirman Bhawan, Nigam Vihar,
Shimla-2

Subject: -
Sir,

Publishing of tender Notice.

Enclosed please find herewith tender notice of work as given in the Notice inviting Tender along with Draft Bill of Quantities for uploading on department website as per Notification No. Pr. Secy. (PW) to the Govt. of HP letter No. PBW (B) A(3) 1/2020 dated Shimla-2, the 16th July 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

DA/ As above.


Executive Engineer,
Daulatpur Chowk Division,
HPPWD Daulatpur chowk.

Copy forwarded to the Superintending Engineer, 15th Circle, HPPWD
Una for information please.


Executive Engineer,
Daulatpur Chowk Division,
HPPWD Daulatpur chowk.

CERTIFICATE

Certified that tenders for the works called vide this office letter No. PWD/DPD/CB-Tender/2023- 7985-91 dated 26-02-2024 are required to be carried out immediately being emergent nature of work in the public interest.


Executive Engineer,
Daulatpur chowk Division,
HPPWD Daulatpur Chowk.

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT**NOTICE INVITING TENDER**

Sealed Percentage rates tenders on form 6 & 7/8 are hereby invited by the Executive Engineer Daulatpur Chowk Division, HPPWD, Daulatpur Chowk on behalf of Governor of HP for the following works from the approved and eligible contractors/firms of appropriate class enlisted in HPPWD as per latest instructions so as to reach in this office and opened as per time schedule given below. The offer of the tender will be kept open for 75 days from the date of opening of the tenders.

Date and time of receipt of applications for the tender form : 04.03.2024 up to 04.00 PM
Date and time of issue/sale of tender forms against cash Payment : 05.03.2024 from 02.00 PM to 5.00 PM
Date and time of receipt of tenders : 06.03.2024 up to 10.30 AM
Date and time of opening of tenders : 06.03.2024 at 11.30 AM

The tender forms will be issued against cash payment (non-refundable). The earnest money in the shape of NSC/Time Deposit/FDR of nationalized bank duly pledged in the name of undersigned must be accompanied with each tender. The conditional tender and tender not accompanying the earnest money in the proper mode of deposit will summarily be rejected.

Sr. No.	Name of Work	Estimated Cost	Earnest money	Time Limit	Cost of Form
1	Special Repair of HPPWD Residential building under HPPWD Division Daulatpur Chowk Tehsil Ghanari Distt. Una (H.P), (SH:- Repair/Maintenance work in Junior Engineer Quarter at Gagret)	498389.00	10000.00	Two Month	350-
2	Balance work for C/o Helipad at Sanghnai, Distt. Una (SH: C/O boundary wall).	496528.00	9900.00	Three Month	350-
3	Balance work for C/o Helipad at Sanghnai, Distt. Una (SH: C/O edge wall i/c boundary wall).	499978.00	10000.00	Three Month	350-
4	Balance work for the Construction of Tehsil building at Ghanari, Tehsil Ghanari, Distt. Una (HP), (SH:- C/O Sanitary installation work and paver block in campus etc.)	360165.00	7200.00	Three Month	350-
5	Balance work Construction of Work Shop in Dr. B.R. Ambedkar Polytechnic College Ambota, Tehsil Ghanari, Distt. Una HP, (SH- P/L Paver Block in campus)	497468.00	9000.00	Two Month	350-
6	A/R & M/O on various roads in Gagret Sub Division, (SH: Painting to Gagret Khad Bridge, Kaloh Khad Bridge, Badoh Khad Bridge, Amboa Khad Bridge-I, II, Nangal Jarialan khad Bridge-I, II, and Parapets)	498950.00	10000.00	Three Month	350-
7	A/R & M/O Various roads Bridges under Gagret Sub-Division, (SH:- Supplying direction and place identification sign boards and Writing, Painting on sign boards etc)	307632.00	6200.00	Three Month	350-
8	Restoration of Rain Damages on link Road Jallow Di Bar to Kunet Rattian in G.P Jawal Km 0/0 to 5/0, (SH- Construction of Retaining Wall at Km 3/480 to 3/500)	499156.00	10000.00	Two Month	350-
9	Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement with edge wall from RD 1/400 to 1/900) under SCDP	499512.00	10000.00	Two Month	350-
10	Special Repair of HPPWD Residential building under HPPWD Division Daulatpur Chowk Tehsil Ghanari Distt. Una (H.P), (SH:- Repair/Maintenance work in Staff Quarter at Gagret)	499402.00	10000.00	Two Month	350-
11	Balance work Construction of Badminton Court and Basketball Court at Govt. Sr. Secondary School Mawa Kohlan, Tehsil Ghanari, Distt. Una , (SH-C/O Paver Block in School Ground) (Deposit work)	332350.00	6700.00	Three Month	350-
12	Repair & Restoration of rain damaged on Link Road to Village Sanghnai Km 0/0 to 0/600, (SH- P/L Interlocking Concrete Paver Block & Drain at RD 0/150 to 0/300)	499897.00	10000.00	Three Month	350-
13	Repair & Restoration of rain damaged on Link Road to Village Sanghnai Km 0/0 to 0/600, (SH- P/L Interlocking Concrete Paver Block & Drain at RD 0/350 to 0/500)	499491.00	10000.00	Three Month	350-
14	A/R & M/O various roads under Gagret Sub Division, Gagret Section-I and Mubarikpur Section, (SH:- Supplying and Stacking of dual direction delineator)	472000.00	9500.00	One Month	350-
15	Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement from RD 1/400 to 1/900) under SCDP	499917.00	10000.00	Two Month	350-

16	Restoration of Rain Damages on link road Toriwala Mohalla to Bada Talab Km 0/0 to 0/750, (SH- P/L Paver Block & Edge wall at RD 0/565 to 0/595)	301143.00	6000.00	Three Month	350-
17	Restoration of Rain Damages on link road Toriwala Mohalla to Bada Talab Km 0/0 to 0/750, (SH:- Construction of protection along nallah Km 0/315 to 0/345 RHS and protection along field Km 0/315 to 0/345 LHS & U-Shape drain at RD 0/490 to 0/600)	497760.00	10000.00	Three Month	350-
18	Balance work C/O Govt. Sr. Sec. School Bhaderkali, Tehsil Ghanari Distt. Una (HP) (SH: C/O Leveling of School playground) Deposit work.	296316.00	5900.00	Two Month	350-
19	Restoration of Rain Damages on link Road to Harijan basti Bandu Km 0/0 to 2/0, (SH- Construction of Retaining wall along nallah at Km 0/810 to 0/870)	499020.00	10000.00	Three Month	350-
20	Restoration of Rain Damages on Jeepable road Bhaderkali Bridge to GMS Abhyepur Km 0/0 to 1/0, (SH- Construction of Retaining wall along school ground at Km 0/130 to 0/190)	498480.00	10000.00	Three Month	350-
21	Restoration of Rain Damages on link road to Bhanjal Harijan Basti Km 0/0 to 4/0, (SH- Construction of Breast Wall at Km 1/300 to 1/315 and V-Shape Drain at Km 1/240 to 1/315)	227385.00	4600.00	Three Month	350-
22	Restoration of Rain Damages on link road to Bhanjal Harijan Basti Km 0/0 to 4/0, (SH- Construction of U Shape Drain at Km 1/415 to 1/600)	394050.00	7900.00	Three Month	350-
23	Restoration of Rain Damages on link road to Bhanjal Harijan Basti Km 0/0 to 4/0, (SH:- C/O wire crate wall in Km 1/200 to 1/215)	317342.00	6300.00	Three Month	350-
24	C/O Link road Bhaderkali Pirthipur to Harijan Basti Abheypur Km. 0/0 TO 5/0, (SH- Construction of Retaining wall at Km 0/410 to 0/445 RHS) Under SCDP	442442.00	8900.00	Three Month	350-
25	C/O Link road Bhaderkali Pirthipur to Harijan Basti Abheypur Km. 0/0 TO 5/0, (SH:- Construction of 900mm dia RCC Hume pipe culvert at RD 0/410 and Breast wall at Km 0/510 to 0/540 LHS) Under SCDP	449427.00	9000.00	Three Month	350-
26	Restoration of Rain Damages on Link road T-05 to Thaplan Km 0/0 to 8/200, (SH:- C/O Retaining Wall from RD 3/326 to 3/337)	498240.00	10000.00	Three Month	350-
27	Repair Restoration of rain damaged on Link Road Gagret Oel Ispur road Km 0/0 to 13/400, (SH- Extension of Slab Culvert at RD 11/300)	417061.00	8300.00	Three Month	350-
28	Repair Restoration of rain damaged on Link Road Gagret Oel Ispur road Km 0/0 to 13/400, (SH- Extension of Slab Culvert at RD 3/300)	416551.00	8300.00	Three Month	350-
29	C/O L/R to village Dabban to Mohalla Kharali ward no 5 G.P Nangal Jariala km 0/00 to 1/00, (SH:- Construction of CC pavement, Paved Shoulder and Retaining wall in culvert approaches between RD 0/0 to 0/080) Under MMGSY	476412.00	9500.00	Three Month	350-
30	C/O L/R Harijan Basti Nangal Jariala to Mohalla Kabirpanthi Chowki ward No 1&2 in GP Nangal Jariala Km 0/0 to 0/300 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/150) Under MMGSY	477027.00	9500.00	Three Month	350-
31	Link road to connect Gagret Daulatpur road to Changa Basti via Mohalla Dhaluwal and Mohalla Chowar ward no 1 G.P Ghanari , (SH:- C/O wire crate wall & Filling in Km 0/550 to 0/600) Under MMGSY	476610.00	9500.00	Three Month	350-
32	Construction of Link road from Tatehra bridge to ward no. 5 & 6 upto GPS Tatehra km 0/000-0/710, (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/150) Under MMGSY	477480.00	9600.00	Three Month	350-
33	Construction of Link road from Gagret to oel upper to link with the house of Smt Kiran devi ward no 6 mohalla Saunkhla in G.P Kuthera jaswala Km 0/0 to 0/450, (SH- C/O Cement concrete edge wall and interlocking paver block from km 0/000 to 0/100) Under MMGSY	476580.00	9500.00	Two Month	350-

34	Construction of Ambulance road from L/R Gagret oel ispur to Link with Shamshan Ghat of G.P Kuthera Jaswala Km 0/0 to 0/500 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/150) Under MMGSY	477483.00	9600.00	Three Month	350-
35	Construction of Link road from Daulatpur Shankar Nagar Road Km 5/100) to Harijan Basti Bhudda mohalla in ward no. 03 Gram Panchayat Bhaderkali Km. 0/0 to 0/200, (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/175) Under MMGSY	476656.00	9500.00	Three Month	350-
36	C/O & M/T Jeepable road Harijan Basti Amlehar Km 0/850 to pipalu to Bholo Ki Sarai G.P. Ram Nagar via mohalla Peri wala Tarkhan Loharan Km 0/0 to 0/500, (SH:- Construction of Hill cutting, embakment filling in Km 0/0 to 0/500 and Retaining wall from Km 0/0 to 0/015 BHS) Under MMGSY	451619.00	9000.00	Three Month	350-
37	Restoration of rain damaged on Link road Harijan Basti Saloh Beri to Saloh in Gram Panchayat Saloh, (SH- Construction of Retaining Wall at Km 0/300 to 0/330)	386244.00	7700.00	Three Month	350-
38	Restoration of Rain Damages on on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to Km 72/555, (SH:- C/O U-shape Drain in Km 57/985 to 58/170 RHS)	465894.00	9300.00	Three Month	350-
39	C/O L/R to village Dabban to Mohalla Kharali ward no 5 G.P Nangal Jariala km 0/00 to 1/00, (SH:- Construction of CC pavement, Paved Shoulder and Retaining wall in culvert approaches between RD 0/100 to 0/200) Under MMGSY	477168.00	9500.00	Three Month	350-
40	C/O L/R Harijan Basti Nangal Jariala to Mohalla Kabirpanthi Chowki ward No 1&2 in GP Nangal Jariala Km 0/0 to 0/300 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/150 to 0/300) Under MMGSY	476612.00	9500.00	Three Month	350-
41	Link road to connect Gagret Daulatpur road to Changa Basti via Mohalla Dhaluwal and Mohalla Chowar ward no 1 G.P Ghanari , (SH:- C/O wire crate wall & Filling in Km 0/600 to 0/650) Under MMGSY	475500.00	9500.00	Three Month	350-
42	Construction of Link road from Tatehra bridge to ward no. 5 & 6 upto GPS Tatehra km 0/000-0/710, (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/150 to 0/300) Under MMGSY	477174.00	9500.00	Three Month	350-
43	Construction of Link road from Gagret to oel upper to link with the house of Smt Kiran devi ward no 6 mohalla Saunkhla in G.P Kuthera jaswala Km 0/0 to 0/450, (SH- C/O Cement concrete edge wall and interlocking paver block from km 0/100 to 0/200) Under MMGSY	477120.00	9500.00	Two Month	350-
44	Construction of Ambulance road from L/R Gagret oel ispur to Link with Shamshan Ghat of G.P Kuthera Jaswala Km 0/0 to 0/500 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/150 to 0/300) Under MMGSY	477167.00	9500.00	Three Month	350-
45	Construction of Link road from Daulatpur Shankar Nagar Road (Km 5/100) to Harijan Basti Bhudda mohalla in ward no. 03 Gram Panchayat Bhaderkali Km. 0/0 to 0/200, (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/175 to 0/350) Under MMGSY	477063.00	9500.00	Three Month	350-
46	C/O & M/T Jeepable road Harijan Basti Amlehar Km 0/850 to pipalu to Bholo Ki Sarai G.P. Ram Nagar via mohalla Peri wala Tarkhan Loharan Km 0/0 to 0/500, (SH- C/O 3.00mtr. Span RCC slab culvert at RD 0/015) Under MMGSY	499876.00	10000.00	Three Month	350-
47	C/O L/R to village Dabban to Mohalla Kharali ward no 5 G.P Nangal Jariala km 0/00 to 1/00, (SH:- Construction of CC pavement, Paved Shoulder and Retaining wall in culvert approaches between RD 0/200 to 0/260) Under MMGSY	380454.00	7600.00	Three Month	350-
48	C/O L/R Harijan Basti Nangal Jariala to Mohalla Kabirpanthi Chowki ward No 1&2 in GP Nangal Jariala Km 0/0 to 0/300, (SH:- Construction of Solid causeway at RD 0/150 and crate wall at RD 0/050 to 0/085) Under MMGSY	383734.00	7700.00	Three Month	350-

49	Link road to connect Gagret Daulatpur road to Changa Basti via Mohalla Dhaluwal and Mohalla Chowar ward no 1 G.P Ghanari , (SH:- C/O wire crate wall & Filling in Km 0/650 to 0/690) Under MMGSY	381288.00	7600.00	Three Month	350-
50	Construction of Link road from Gagret to oel upper to link with the house of Smt Kiran devi ward no 6 mohalla Saunkhla in G.P Kuthera jaswala Km 0/0 to 0/450, (SH- C/O Cement concrete edge wall and interlocking paver block from km 0/200 to 0/280) Under MMGSY	381398.00	7600.00	Three Month	350-
51	Construction of Ambulance road from L/R Gagret oel ispur to Link with Shamshan Ghat of G.P Kuthera Jaswala Km 0/0 to 0/500 , (SH:- Construction of Retaining wall & Drain in Km. 0/030 to 0/070) Under MMGSY	381680.00	7600.00	Three Month	350-

TERMS AND CONDITIONS: -

1. The contractor should produce a copy of enlistment/renewal letter at the time of application.
2. The contractor/firm shall have his registration and GST No. and copy of the same be attached with the application.
3. The earnest money for the above works should be submitted duly pledged in favour of Executive Engineer, Daulatpur chowk division, HPPWD Daulatpur chowk with the application for the purchase of tender forms. The application received without earnest money shall be summarily rejected.
4. The contractor/firms are required to insert the rate in words as well as in figures failing which Executive Engineer reserves the right to accept/rejects any or all tenders.
5. If any of the date mentioned above happens to be Local/Gazetted Holidays the same shall be process on next date.
6. The tender form will be issued to those contractors who have relevant machinery and equipment, list of which may be attached with their application along with proof of ownership of machinery/legal tie up.
7. The Executive Engineer reserves the right to reject or cancel any or all tenders without assigning any reasons.


Executive Engineer,
Daulatpur Chowk Division
HP.PWD Daulatpur Chowk.

No. PWD/DPD/CB-Tender/2024- **7985-91**

Dated: - **26-2-2024**

Copy forwarded to the following for information and necessary action: -

1. The Engineer-in-Chief, HPPWD Nirman Bhawan Shimla.
2. The Chief Engineer (HZ) HPPWD Hamirpur.
3. The Superintending Engineer, 15th Circle, HPPWD Una.
4. All the Assistant Engineers working under this division.
5. Drawing Branch in this office.
6. Notice Board.


Executive Engineer,
Daulatpur Chowk Division
HP.PWD Daulatpur Chowk.

Draft Bill of Quantity

Estimated Cost: Rs. 498389/-
Earnest Money: Rs.10000/-
Time Limit: Two Month

Name of Work:- Special Repair of HPPWD Residential building under HPPWD Division Daulatpur Chowk Tehsil Ghanari Distt. Una (H.P), (SH:- Repair/Maintenance work in Junior Engineer Quarter at Gagret)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	100.00	220.00	Rupees Two Hundred Twenty Only	Per Square meter.	22000.00
2	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	450.00	10.00	Rupees Ten Only	Per Square meter.	4500.00
3	Providing form work with steel plates 3.15mm (three point fifteen millimeter) thick welded with angle iron in frame 30×30×5mm (thirty into thirty into five millimeter) so as to give a fair finish including centring, shuttering, strutting and propping etcetera with wooden battens and ballies upto any height in all floor level of propping and centring below supporting floor to ceiling upto any height and removal of the same for in-situ reinforced cement concrete and plain concrete work as per CPWD specifications 2019 in Suspended floors, roofs, landings, balconies and access platforms per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10.50	380.00	Rupees Three Hundred Eighty Only	Per Square meter.	3990.00
4	Providing and laying in position specified grade of reinforced concrete work M-25 (M-twenty five) minimum cement contents not less than 400 kgs.(four hundred kilogram) per cubic metre including curing complete excluding cost of form work and reinforcement for reinforced concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spiral stair cases above plinth level upto all floor level as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.50	5800.00	Rupees Five Thousand Eight Hundred Only	Per Cubic meter	14500.00
5	Providing steel reinforcement and Thermo-Mechanically Treated bars of grade Fe-500D or more approved make i.e. SAIL, RINL, Shyam Steel/TISCO, Jindal Panther (JSPL) for reinforced cement concrete work including bending cutting straightening and placing in position binding all complete upto any floor level/height as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	90.00	Rupees Ninety Only	Per Kilogram	4500.00
6	Painting wood work with Deluxe Multi Surface Paint of required shade two or more coat applied @ 0.90 ltr/10 sqm (zero point ninety liter per ten square meter) over an under coat of primer applied @0.75 ltr/10 sqm (zero point seven five liter per ten square meter) of approved brand and manufacture ICI (Dulex Glass), Nerolac, Berger (Luxol High Glass), Asian Paint (Premium ApcoliteGlass) Shalimar make in all height/ in all floor level as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	90.00	Rupees Ninety Only	Per Square meter	4500.00

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Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
7	Providing and applying white cement based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer J.K wall Putty/ Brila White Putty, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level/height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	100.00	Square meter	80.00	Rupees Eighty Only	Per Square meter	8000.00
8	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade new work (two or more coats) over and including water thinnable priming coat Berger (castle) Jensen & Nicholson Paints, Aqualac make with cement primer in all floor level/height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	450.00	Square meter	95.00	Rupees Ninety Five Only	Per Square meter	42750.00
9	Finishing walls with Acrylic Smooth exterior paint of required shade with Nerolac/Asian/Berger make new work (Two or more coat applied @ 1.67 ltr/10 sqm (one point sixty seven liter per ten square meter) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm (two point twenty kilogram per ten square meter) in all floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	250.00	Square meter	100.00	Rupees One Hundred Only	Per Square meter	25000.00
10	Providing and fixing W.C. pan with ISI marked white solid plastic seat cover with lid for pedestal type water closet (European type W.C. pan complete, including cutting and making good the walls and floors wherever required as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	Numbers	580.00	Rupees Five Hundred Eighty Only	Each	580.00
11	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	Numbers	950.00	Rupees Nine Hundred Fifty Only	Each	950.00
12	Providing and fixing 600x450 mm (six hundred into four hundred fifty millimeter) beveled edge mirror of superior glass of Atul Modi Guard, Goden Fish make with 6 mm (six millimeter) thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	Numbers	1650.00	Rupees One Thousand Six Hundred Fifty Only	Each	1650.00
13	Providing and fixing W.C. pan with ISI marked white solid plastic seat and lid white vitreous china pedestal Parryware, Hindware, Sanitaryware, Neycer Cera make type water closet (European type W.C. pan) with seat and lid, 10 (ten) litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	Numbers	5000.00	Rupees Five Thousand Only	Each	5000.00
14	Providing and fixing PTMT towel rail Paryag make with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 600 mm (six hundred millimeter) long towel rail with total length of 645 mm (six hundred forty five millimeter), width 78 mm (seventy eight millimeter) and effective height of 88 mm, weighing not less than 190 gms (one hundred ninety grams) as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	Numbers	580.00	Rupees Five Hundred Eighty Only	Each	580.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
15	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	450.00	Rupees Four Hundred Fifty Only	Each	450.00
16	Providing and fixing 15mm (fifteen millimeter) nominal bore C.P. brass angle valve heavy make as per standard bidding document, High or low pressure, with plastic floats complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.00	510.00	Rupees Five Hundred Ten Only	Each	2040.00
17	Providing and fixing 15mm (fifteen millimeter) diameters C.P. brass. (Heavy duty ISI marked) pillar tap with capstan head. Make Kingston, Parko, Ess Ess, Jaquar, Gem, Tehno, Jal, Seiko as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00	950.00	Rupees Nine Hundred Fifty Only	Each	1900.00
18	Providing and fixing 15mm (fifteen millimeter) dia long nose bib tap as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00	580.00	Rupees Five Hundred Eighty Only	Each	1160.00
19	Providing and fixing P.V.C. waste semi rigid pipe approved quality Finolex make for sink or wash basin including P.V.C. waste fittings complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00	100.00	Rupees One Hundred Only	Each	200.00
20	Providing and fixing aluminium work for doors, windows, ventilators and partitions make of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge for fixed portion (Powder coated aluminium (minimum thickness of powder coating 50 micron) (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	240.50	450.00	Rupees Four Hundred Fifty Only	Per Kilogram	108225.00

Gant p-4

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
21	Providing and fixing aluminium work for doors, windows, ventilators and partitions ake of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete for shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately Powder coated aluminium (minimum thickness of powder coating 50 micron) as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	173.55	Kg	465.00	Rupees Four Hundred Sixty Five Only	Per Kilogram	80701.00
22	Providing and fixing 12mm (twelve millimeter) thick make of Novapan, Kitply, National Archid Ply, Action Tesa, Green Pre-laminated particle board with decorative lamination on both sides, flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.46	Square meter	850.00	Rupees Eight Hundred Fifty Only	Per Square meter	10591.00
23	Providing and fixing 100mm (one hundred millimeter) aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	Numbers	50.00	Rupees Fifty Only	Each	2500.00
24	Providing and fixing Double strip (horizontal type) magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including fixing with approved adhesive etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	20.00	Numbers	35.00	Rupees Thirty Five Only	Each	700.00
25	Providing and fixing 100x10mm (one hundred into ten millimeter) aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	Numbers	75.00	Rupees Seventy Five Only	Each	3750.00
26	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	45.00	Square meter	15.00	Rupees Fifteen Only	Per Square meter	675.00

Count 1-5

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
27	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm (twelve millimeter) thick bed of cement Mortar 1:3 (one cement: three coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm (at the rate of three point three kilogram per square meter) including pointing in white cement mixed with pigment of matching shade complete as specified upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	15.00	980 00	Rupees Nine Hundred Eighty Only	Per Square meter	14700 00
28	Providing and laying Vitrified tiles double charged in 600mm x 600mm (six hundred millimeter into six hundred millimeter) in different size (thickness to be specified by manufacturer), with water absorption less than 0.08 % (zero point zero eight percent) and conforming to I.S. 15622, of approved make Kazaria, Nitco, Somany, Orient Sell, RNK, Johanson & Johanson, in all colours & shade, in skirting, riser of steps, over 12 mm (twelve millimeter) thick bed of cement mortar 1:3 (one cement: three coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm (three point three kilogram per square meter) including grouting the joint with white cement and matching pigments etc. complete upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	24 00	1200 10	Rupees One Thousand Two Hundred And Paise Ten Only	Per Square meter	28802 00
29	Providing and fixing white vitreous china Kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm (forty millimeter) C.P. brass waste and 40mm (forty millimeter) C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required Size 450x300x150 mm (four hundred fifty into three hundred into one hundred fifty millimeter) as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	6200 00	Rupees Six Thousand Two Hundred Only	Each	6200 00
30	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed variety of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.50	190 00	Rupees One Hundred Ninety Only	Per Cubic meter	855 00

Contd.

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Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
31	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	9.10	Cubic meter	3400.00	Rupees Three Thousand Four Hundred Only	Per Cubic meter	30940.00
32	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.50	Cubic meter	4200.00	Rupees Four Thousand Two Hundred Only	Per Cubic meter	18900.00
33	Providing and laying 60mm (sixty millimeter) thick factory made cement concrete interlocking paver block of M-30 (M-thirty) grade NTC make and made by block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern over and including 50mm (fifty millimeter) thick compacted bed of coarse sand, filling the joints with line sand etc. all complete upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	30.00	Square meter	760.00	Rupees Seven Hundred Sixty Only	Per Square meter	22800.00
34	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all floor level in all shapes and sizes in cement mortar 1:4 (one cement: four coarse sand) upto any floor level/height as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax, good service tax or other taxes imposed by the Government.	3.50	Cubic meter	6800.00	Rupees Six Thousand Eight Hundred Only	Per Cubic meter	23800.00
	Total						498389.00
	Quoted Rate in Figure			% above/below			
	Quoted Rate in Words						


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Job-2

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 496528/-
 Earnest Money: Rs. 9900/-
 Time Limit : Three Month.

Name of Work:- Balance work C/o Helipad at Sanghnai, Distt. Una (SH: C/O boundary wall).

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in all kind of soil work by mechanical means (Hydraulic Excavator (3D) with driver and fuel) manual means in foundation trenches or drains in all kind of soil, including dressing of sides and ramming of bottoms, upto any lift, including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead as per the direction by Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	23.00 Cubic meter	210.55	Rupees Two Hundred Ten And Paise Fifty Five Only	Per Cubic meter	4843.00
2	Providing and laying 1:4:8 mechanically mixed (one cement: four sand: eight graded crushed stone aggregate 40mm (forty millimeter) nominal size and curing complete excluding cost of form work in foundation and plinth as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	38.50 Cubic meter	3450	Rupees Three Thousand Four Hundred Fifty Only	Per Cubic meter	132825.00
3	Providing and laying mechanically mixed cement concrete 1:3:6 (one cement:three sand: six graded crushed stone aggregate 40mm (forty millimeter) nominal size excluding cost of centring and shuttering in foundation and plinth as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.10 Cubic meter	3600	Rupees Three Thousand Six Hundred Only	Per Cubic meter	18360.00
4	Providing and laying cement concrete 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 20mm (twenty millimetres) nominal size) mechanically mixed and vibrated including curing complete, excluding cost of form work and reinforcement for reinforced concrete work in foundation and plinth including carriage of materials with in all leads and lifts and other incidentals.	1.30 Cubic meter	4200	Rupees Four Thousand Two Hundred Only	Per Cubic meter	5460.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying cement concrete 1:1½:3 (1 cement : 1½ coarse sand) : 3 graded stone aggregate 20 mm nominal size). in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing upto all height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.50 Cubic meter	6000	Rupees Six Thousand Only	Per Cubic meter	93000.00
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth level up to all floor level in all shapes and sizes in cement mortar 1:6 (one cement: six coarse sand) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	33.50 Cubic meter	5800	Rupees Five Thousand Eight Hundred Only	Per Cubic meter	194300.00
7	Supplying at site angle iron post and struts of required size including bottom to be split and bent at right angle in opposite direction for 10cm (Ten centimetre) length and drilling holes upto 10mm (Ten millimetre) diameter etcetra as per the direction by the Engineer in charge and including entire carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	350.00 Kilogram	95	Rupees Ninety Five Only	Kilogram	33250.00
8	Fencing with G.I. barbed wire to angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	630.00 Running metre	23	Rupees Twenty Three Only	Per running metre	14490.00
						496528.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			

Executive Engineer,
HPPWD Division,
Daultapur Chowk

Job-3

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499978/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Month.

Name of Work:- Balance work C/o Helipad at Sanghnai, Distt. Una (SH: C/O boundary wall & edge wall).

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in all kind of soil work by mechanical means (Hydraulic Excavator (3D) with driver and fuel)/ manual means in foundation trenches or drains in all kind of soil, including dressing of sides and ramming of bottoms, upto any lift, including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead as per the direction by Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	23.00 Cubic meter	210.55	Rupees Two Hundred Ten And Paise Fifty Five Only	Per Cubic meter	4843.00
2	Providing and laying 1:4:8 mechanically mixed (one cement: four sand: eight graded crushed stone aggregate 40mm (forty millimeter) nominal size and curing complete excluding cost of form work in foundation and plinth as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	39.50 Cubic meter	3450	Rupees Three Thousand Four Hundred Fifty Only	Per Cubic meter	136275.00
3	Providing and laying mechanically mixed cement concrete 1:3:6 (one cement:three sand: six graded crushed stone aggregate 40mm (forty millimeter) nominal size excluding cost of centring and shuttering in foundation and plinth as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.10 Cubic meter	3600	Rupees Three Thousand Six Hundred Only	Per Cubic meter	18360.00
4	Providing and laying cement concrete 1:2:4 (one cement : two sand : four graded/crushed stone aggregate 20mm (twenty millimetres) nominal size) mechanically mixed and vibrated including curing complete, excluding cost of form work and reinforcement for reinforced concrete work in foundation and plinth including carriage of materials with in all leads and lifts and other incidentals.	1.30 Cubic meter	4200	Rupees Four Thousand Two Hundred Only	Per Cubic meter	5460.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying cement concrete 1:1½:3 (1 cement : 1½ coarse sand) : 3 graded stone aggregate 20 mm nominal size). in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing upto all height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.50 Cubic meter	6000	Rupees Six Thousand Only	Per Cubic meter	93000.00
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth level up to all floor level in all shapes and sizes in cement mortar 1:6 (one cement: six coarse sand) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	33.50 Cubic meter	5800	Rupees Five Thousand Eight Hundred Only	Per Cubic meter	194300.00
7	Supplying at site angle iron post and struts of required size including bottom to be split and bent at right angle in opposite direction for 10cm (Ten centimetre) length and drilling holes upto 10mm (Ten millimetre) diameter etcetra as per the direction by the Engineer in charge and including entire carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	350.00 Kilogram	95	Rupees Ninety Five Only	Kilogram	33250.00
8	Fencing with G.I. barbed wire to angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be struttred on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete. (Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	630.00 Running metre	23	Rupees Twenty Three Only	Per running metre	14490.00
						499978.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daultapur Chowk

Draft Schedule of Quantity

Job-4

Estimated Cost: Rs. 360165/-

Earnest Money: Rs. 7200/-

Time Limit: Three Months

Name of Work:- Balance work for the Construction of Tehsil building at Ghanari, Tehsil Ghanari, Distt. Una (HP), (SH:- C/O Sanitary installation work and paver block in campus etc.)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	2	3	4	5	6	7
1	Providing and fixing 15mm (fifteen millimeter) diameters C.P. brass. (Heavy duty ISI marked) Swan Neck pillar tap with capstan head. Make Kingston, Parko, Ess Ess, Jaquar, Gem, Tehno, Jal, Seiko as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	7.00	3000.00	Rupees Three Thousand Only	Each	21000.00
2	Providing and laying 60mm (sixty millimeter) thick factory made cement concrete interlocking paver block of M -30 (M-thirty) grade NTC make and made by block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern over and including 50mm (fifty millimeter) thick compacted bed of coarse sand, filling the joints with line sand etc. all complete upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	115.50	780.00	Rupees Seven Hundred Eighty Only	Per Square meter	90090.00
	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimetre) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.50	4200.00	Rupees Four Thousand Two Hundred Only	Per Cubic meter	65100.00
3	Providing and fixing 18 mm thick, 150 mm wide pelmet of coir veneer board ISI marked IS : 14842, including top cover of 6 mm coir veneer board, nickle plated M.S. Pipe 20 mm dia. (heavy type) curtain rod with nickel plated brackets, including fixing with 25x3 mm M.S. Flat 10 cm long fixed to pelmet with hollock wood cleats of size 100 mm x 40 mm x 40 mm on both inner side of pelmet and rawl plugs 75 mm long etc. all complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	83.30	500.00	Rupees Five Hundred Only	Per Running meter	41650.00

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Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
4	Providing and fixing 100mm (one hundred millimeter) aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	124.00	Numbers	50.00	Rupees Fifty Only	Each	6200.00
5	Providing and fixing Double strip (horizontal type) magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including fixing with approved adhesive etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10.00	Numbers	35.00	Rupees Thirty Five Only	Each	350.00
6	Providing and fixing 100x10mm (one hundred into ten millimeter) aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	Numbers	75.00	Rupees Seventy Five Only	Each	3750.00
7	Providing and fixing kitchen sink without drain size 470x420 mm bowl depth 178 with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P. brass waste complete, including painting the fittings and brackets, cutting and making good the walls wherever required complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00	Numbers	2500.00	Rupees Two Thousand Five Hundred Only	Each	5000.00
8	Providing and fixing PTMT. grating round of approved quality and colour of Prayag, Viking make 100mm dia as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	40.00	Numbers	100.00	Rupees One Hundred Only	Each	4000.00
9	Providing and fixing 20mm G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	20.00	Numbers	175.00	Rupees One Hundred Seventy Five Only	Each	3500.00
10	Providing and fixing 25mm G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	20.00	Numbers	380.00	Rupees Three Hundred Eighty Only	Each	7600.00

Contd. - P-3

P-3

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
11	Providing and fixing Polyethelene-Aluminium- Polyethelene PE-AL-PE Composite Pressure 2025 (25 mm OD)-pipe internal work exposes on wall Kitech make conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot and cold water supply, capable to withstand temperature up to 80°C, including all special fittings of composite material (engineering plastic blend and brass inserts wherever required) e.g. elbows, tees, reducers, couplers and connectors etc., with clamps at 1.00 (one point zero zero) metre (spacing). This includes testing of joints complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentials . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	65.00	Running meter	250.00	Rupees Two Hundred Fifty Only	Per Running meter	16250.00
12	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes 40 mm nominal outer dia Pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentials . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.00	Running meter	545.00	Rupees Five Hundred Forty Five Only	Per Running meter	8175.00
13	Providing and fixing 2nd class teak wood lipping/ moulded beading or taj beading of size 18X5 mm fixed with wooden adhesive of approved quality and screws/nails on the edges of the Pre-laminated particle board complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentials . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1250.00	Running meter	70.00	Rupees Seventy Only	Per Running meter	87500.00
	Total:-						360165
	Quoted Rate in Figure			% above/below			
	Quoted Rate in Words						


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

DRAFT BILL OF QUANTITY

Job-5

Estimated Cost: Rs. 497468/-
Earnest Money: Rs. 9000/-
Time Limit : Two Months

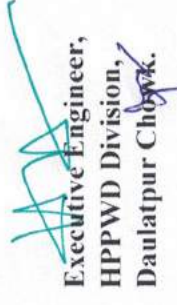
Name of Work:-Balance work Construction of Work Shop in Dr. B.R. Ambedkar Polytechnick College Ambota, Tehsil Ghanari, Distt. Una HP, (SH- P/L Paver Block in campus)

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed variety of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	57.20 Cubic metre.	200.00	Rupees Two Hundred Only	Per cubic metre	11440.00
2	Providing and laying in position cement concrete 1:3:6 (one cement isto three sand isto six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete including cost of centering and shuttering in foundation and plinth level as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	32.40 Cubic metre.	3850.00	Rupees Three Thousand Eight Hundred Fifty Only	Per cubic metre	124740.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	20.60 Cubic metre.	3450.00	Rupees Three Thousand Four Hundred Fifty Only	Per cubic metre	71070.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	9.96 Cubic metre.	4300.00	Rupees Four Thousand Three Hundred Only	Per cubic metre	42828.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compaction and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	286 00 Square metre	865 00	Rupees Eight Hundred Sixty Five Only	Per Square metre	247390 00
						497468.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Job-6

BILL OF QUANTITY

Estimate Cost :- Rs. 498950/-
 Earnest Money :-Rs.10000/-
 Time Limit :- Three Month.

Name of work:-A/R & M/O on various roads in Gagret Sub Division, (SH: Painting to Gagret Khad Bridge, Kaloh Khad Bridge, Badoh Khad Bridge, Amboa Khad Bridge-I, II, and Parapets)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing and applying white cement based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer J K wall Putty/ Brila White Putty, over the plastered wall surface to prepare the surface even and smooth complete upto all level/height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	150.00 Square metre	85.00	Rupees Eighty Five Only	Per Square metre	12750.00
2	Finishing with Epoxy paint (two or more coats) of HPPWD approved brand and manufacture on unplastered concrete work at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete upto all level/height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	3740.00 Square metre	130.00	Rupees One Hundred Thirty Only	Per Square metre	486200.00
TOTAL						498950.00
Quoted Rate in Figure			% above/below			
Quoted Rate in Words						


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Job-7

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 307632/-
 Earnest Money: Rs. 6200/-
 Time Limit : Three Month.

Name of Work:- A/R & M/O Various roads Bridges under Gagret Sub-Division, (SH:- Supplying direction and place identification sign boards and Writing, Painting on sign boards etc)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Removing old paint from steel and other metal surface and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	55.76 Square metre	25.00	Rupees Twenty Five Only	Per square metre	1394.00
2	Supplying of direction and place identification sign boards as per IRC-67 made of 1.5mm thick MS sheeting vide clause 1701 2.3 with area exceeding 0.9 sqm supported on 40mm dia pipe, painted with red lead primer as per approved drawing and Technical Specification Clause 1701 (1200mm x 900mm size Board) complete with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.00 Number	6800.00	Rupees Six Thousand Eight Hundred Only	Each	34000.00
3	Painting one coat (excluding priming coat) on previously painted steel and other metal surface with ready mixed paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	55.76 Square metre	40.00	Rupees Forty Only	Per square metre	2230.00
4	Painting two coat (excluding priming coat) on new steel and other metal surface with ready mixed paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.39 Square metre	95.00	Rupees Ninety Five Only	Per square metre	1462.00
5	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade two or more coats on new work as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	69.90 Square metre	80.00	Rupees Eighty Only	Per square metre	5592.00
6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	685.92 Square meter	12.00	Rupees Twelve Only	Per Square meter	8231.00

Cont. P-2

P-2

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
	Providing and applying white cement based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer J.K wall Putty/ Brila White Putty, over the plastered wall surface to prepare the surface, even and smooth, complete upto all level/height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	411.55 Square metre	80.00	Rupees Eighty Only	Per Square metre	32924.00
8	Applying one coat of Acrylic primer (spectrum or equivalent of superior quality) on new concrete/masonry/plastered surfaces after and including preparing the surface by thoroughly brushing the surface free from mortar dropping and other foreign matters sand papering the surface smooth complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	685.92 Square metre	35.00	Rupees Thirty Five Only	Per Square metre	24007.00
9	Finishing walls with Acrylic Smooth exterior paint of required shade with Nerolac/Asian/Berger make new work (Two or more coat applied @ 1.67 litr/10 sqm (one point sixty seven liter per ten square meter) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm (two point twenty kilogram per ten square meter) in all floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	685.92 Square metre	105.00	Rupees One Hundred Five Only	Per Square metre	72022.00
10	Writing letter in figures of any surface with black Japan Paint (stops, comas, hyphens and the like not to be measured and paid separately) as per drawings and Technical Specification Clause 1701 complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	61745.00 Per Cm height per letter	2.00	Rupees Two Only	Per centimetre height per letter	123490.00
11	Painting index hands normal size or arrows (up to 40 cm long) on any surface with Black Japan complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	38.00 Figure	60.00	Rupees Sixty Only	Per figure	2280.00
	TOTAL					307632.00
	Quoted Rate in Figure	% above/below				
	Quoted Rate in Words					

Executive Engineer,
HPPWD Division,
Daulatpur Chowk

Job-8

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499156/-
 Earnest Money: Rs. 10000/-
 Time Limit : Two Month

Name of Work:- Restoration of Rain Damages on link Road Jallow Di Bar to Kunet Rattian in G.P. Jawal Km 0/0 to 5/0, (SH- Construction of Retaining Wall at Km 3/480 to 3/500)

Sr. No.	Sub-Head and Items of work	Unit	Quantity	Rates in		Unit	Amount
				Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.		28.80 Cubic metre	190.00	Rupees One Hundred Ninety Only	Per cubic metre	5472.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.		125.154 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	425524.00
3	Providing weep holes in brick masonry/plain-reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORTH technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.		36.00 Number	260.00	Rupees Two Hundred Sixty Only	Each	9360.00
4	Back-filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORTH technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government		42.00 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	25200.00

Cont. P-2

DRAFT BILL OF QUANTITY

Job-9

Estimated Cost: Rs.499512/-
Earnest Money: Rs.10000/-
Time Limit : Two Month

Name of Work:- Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement with edge wall from RD 1/400 to 1/900) under SCDP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	2.48	Cubic metre	Rupees One Hundred Ninety Only	Per cubic metre	471.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	6.30	Cubic metre	Rupees Three Thousand Four Hundred Only	Per cubic metre	21420.00
3	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty) with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in toe walls etcetera including cost of form work and curing complete as per MORTH technical specification section 802, 804, 805, 806, 807, 1202 and 1204 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals	67.38	Cubic metre	Rupees Five Thousand Seven Hundred Only	Per Cubic metre	384066.00
4	Supplying fitting and placing HYSD bar reinforcement in super structure, complete as per drawing and as per CPWD specification 2019 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1039.50	KG	Rupees Ninety Only	Per Kg	93555.00
TOTAL						499512.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Estimated Cost: Rs. 499402/-
Earnest Money: Rs.10000/-
Time Limit: Two Month

Name of Work:- Special Repair of HPPWD Residential building under HPPWD Division Daulatpur Chowk Tehsil Ghanari Distt. Una (H.P), (SH):- Repair/Maintenance work in Staff Quarter at Gagret)

Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Figures	Words	Figures	Words		
1	Repairs to plaster in patches of 2.50 Sq.M. and under and 10 to 15mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	100.00	Square meter	220.00	Rupees Two Hundred Twenty Only	Per Square meter	22000.00
2	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping; sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	450.00	Square meter	10.00	Rupees Ten Only	Per Square meter	4500.00
3	Painting wood work with Deluxe Multi Surface Paint of required shade two or more coat applied @ 0.90 ltr/10 sqm (zero point ninety liter per ten square meter) over an under coat of primer applied @0.75 ltr/10 sqm (zero point seven five liter per ten square meter) of approved brand and manufacture ICI (Dulex Glass) , Nerolac, Berger (Luxol High Glass), Asian Paint (Premium ApcoliteGlass) Shalimar make in all height/ in all floor level as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	Square meter	90.00	Rupees Ninety Only	Per Square meter	4500.00
4	Providing and applying white cement based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer J.K wall Putty/ Birla White Putty, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level/height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	100.00	Square meter	80.00	Rupees Eighty Only	Per Square meter	8000.00
5	Distempereing with oil bound washable distemper of approved brand and manufacture to give an even shade new work (two or more coats) over and including water thinnable priming coat Berger (castle) Jenson & Nicholson Paints, Aqualac make with cement primer in all floor level/height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	450.00	Square meter	95.00	Rupees Ninety Five Only	Per Square meter	42750.00
6	Finishing walls with Acrylic Smooth exterior paint of required shade with Nerolac/Asian/Berger make new work (Two or more coat applied @ 1.67 ltr/10 sqm (one point sixty seven liter per ten square meter) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm (two point twenty kilogram per ten square meter) in all floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax; goods service tax, labour cess or other taxes imposed by the Government.	250.00	Square meter	100.00	Rupees One Hundred Only	Per Square meter	25000.00
7	Providing and fixing W.C. pan with ISI marked white solid plastic seat cover with lid for pedestal type water closet (European type W.C. pan complete, including cutting and making good the walls and floors wherever required as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	Numbers	580.00	Rupees Five Hundred Eighty Only	Each	580.00

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
8	Providing and fixing 10 litre capacity P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1 00	950 00	Rupees Nine Hundred Fifty Only	Each	950 00
9	Providing and fixing 600x450 mm (six hundred fifty millimeter) beveled edge mirror of superior glass of Atul Modi Guard, Goden Fish make with 6 mm (six millimeter) thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	1650.00	Rupees One Thousand Six Hundred Fifty Only	Each	1650.00
10	Providing and fixing W.C. pan with ISI marked white solid plastic seat and lid white vitreous china pedestal Parryware, Hindware, Sanitaryware, Neycer Cera make type water closet (European type W.C. pan) with seat and lid, 10 (ten) litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1 00	5000.00	Rupees Five Thousand Only	Each	5000 00
11	Providing and fixing PTMT towel rail Paryag make with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 600 mm (six hundred millimeter) long towel rail with total length of 645 mm (six hundred forty five millimeter), width 78 mm (seventy eight millimeter) and effective height of 88 mm, weighing not less than 190 gms (one hundred ninety grams) as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	580.00	Rupees Five Hundred Eighty Only	Each	580 00
12	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	450 00	Rupees Four Hundred Fifty Only	Each	450 00
13	Providing and fixing 15mm (fifteen millimeter) nominal bore C.P. brass angle valve heavy make as per standard bidding document, High or low pressure, with plastic floats complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4 00	510 00	Rupees Five Hundred Ten Only	Each	2040 00
14	Providing and fixing 15mm (fifteen millimeter) diameters C.P. brass. (Heavy duty ISI marked) pillar tap with capstan head. Make Kingston, Parko, Ess Ess, Jaquare, Gem, Tehno, Jal, Seiko as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2 00	950 00	Rupees Nine Hundred Fifty Only	Each	1900.00
15	Providing and fixing 15mm (fifteen millimeter) dia long nose bib tap as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00	580 00	Rupees Five Hundred Eighty Only	Each	1160 00

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Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
16	Providing and fixing P.V.C. waste semi rigid pipe approved quality Finolex make for sink or wash basin including P.V.C. waste fittings complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00	Numbers	100.00	Rupees One Hundred Only	Each	200.00
17	Providing and fixing aluminium work for doors, windows, ventilators and partitions make of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge for fixed portion (Powder coated aluminium minimum thickness of powder coating 50 micron) (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	293.84	Kg	450.00	Rupees Four Hundred Fifty Only	Per Kilogram	132228.00
18	Providing and fixing aluminium work for doors, windows, ventilators and partitions make of Hindco Co., Jindal India Aluminium Co. with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete for shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately Powder coated aluminium (minimum thickness of powder coating 50 micron) as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	173.55	Kg	465.00	Rupees Four Hundred Sixty Five Only	Per Kilogram	80701.00
19	Providing and fixing 12mm (twelve millimeter) thick make of Novapan, Kitply, National Archid Ply, Action Tesa, Green Pre-laminated particle board with decorative lamination on both sides, flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in paneling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.46	Square meter	850.00	Rupees Eight Hundred Fifty Only	Per Square meter	10591.00
20	Providing and fixing 100mm (one hundred millimeter) aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	Numbers	50.00	Rupees Fifty Only	Each	2500.00
21	Providing and fixing Double strip (horizontal type) magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete including fixing with approved adhesive etc. complete as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	20.00	Numbers	35.00	Rupees Thirty Five Only	Each	700.00

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Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
		Numbers	Figures	Words			
22	Providing and fixing 100x10mm (one hundred into ten millimeter) aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00	75.00	Rupees Seventy Five Only	Each	3750.00	
23	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	45.00	15.00	Rupees Fifteen Only	Per Square meter	675.00	
24	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacturer) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm (twelve millimeter) thick bed of cement Mortar 1:3 (one cement: three coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm (at the rate of three point three kilogram per square meter) including pointing in white cement mixed with pigment of matching shade complete as specified upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	15.00	980.00	Rupees Nine Hundred Eighty Only	Per Square meter	14700.00	
25	Providing and laying Vitrified tiles double charged in 600mm x 600mm (six hundred millimeter into six hundred millimeter) in different size (thickness to be specified by manufacturer), with water absorption less than 0.08 % (zero point zero eight percent) and conforming to I.S. 15622, of approved make Kazaria, Nitco, Somany, Orient Sell, RMK, Johanson & Johanson, in all colours & shade, in skirting, riser of steps, over 12 mm (twelve millimeter) thick bed of cement mortar 1:3 (one cement: three coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm (three point three kilogram per square meter) including grouting the joint with white cement and matching pigments etc. complete upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	24.00	1200.10	Rupees One Thousand Two Hundred And Paise Ten Only	Per Square meter	28802.00	
26	Providing and fixing white vitreous china Kitchen sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm (forty millimeter) C.P brass waste and 40mm (forty millimeter) C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required Size 450x300x150 mm (four hundred fifty into three hundred into one hundred fifty millimeter) as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1.00	6200.00	Rupees Six Thousand Two Hundred Only	Each	6200.00	

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
27	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush seprately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.50	190.00	Rupees One Hundred Ninety Only	Per Cubic meter	855.00
28	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	9.10	3400.00	Rupees Three Thousand Four Hundred Only	Per Cubic meter	30940.00
29	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.50	4200.00	Rupees Four Thousand Two Hundred Only	Per Cubic meter	18900.00
30	Providing and laying 60mm (sixty millimeter) thick factory made cement concrete interlocking paver block of M -30 (M-thirty) grade NTC make and made by block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern over and including 50mm (fifty millimeter) thick compacted bed of coarse sand, filling the joints with line sand etc. all complete upto any floor level/ height as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty , Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	30.00	760.00	Rupees Seven Hundred Sixty Only	Per Square meter	22800.00
31	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all floor level in all shapes and sizes in cement mortar 1:4 (one cement: four coarse sand) upto any floor level/height as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax, good service tax or other taxes imposed by the Government.	3.50	6800.00	Rupees Six Thousand Eight Hundred Only	Per Cubic meter	23800.00
Total						499402.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-11

Estimated Cost: Rs.332350/-
Earnest Money: Rs.6700/-
Time Limit : Three Months

Name of Work:- Balance work Construction of Badminton Court and Basketball Court at Govt. Sr. Secondary School Mawa Kohlan, Tehsil Ghanari, Distt. Una, (SH-C/O Paver Block in of School Ground) (Deposit work)

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00 Cubic metre.	200.00	Rupees Two Hundred Only	Per cubic metre	10000.00
2	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	50.00 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	12000.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depts, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	25.20 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	85680.00
5	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimetre) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.76 Cubic metre.	4250.00	Rupees Four Thousand Two Hundred Fifty Only	Per cubic metre	11730.00

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Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
6	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-35 (thirty five) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compaction and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	252.00 Square metre	845.00	Rupees Eight Hundred Forty Five Only	Per Square metre	212940.00
			% above/below			
						332350.00



Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499897/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Months

Name of Work:- Repair & Restoration of rain damaged on Link Road to Village Sanghnai Km 0/0 to 0/600, (SH-P/L Interlocking Concrete Paver Block & Drain at RD 0/150 to 0/300)

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	36.12 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6502.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	45.00 Cubic metre.	210.00	Rupees Two Hundred Ten Only	Per cubic metre	9450.00
3	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.50 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	1080.00
4	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	33.75 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	50625.00

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Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying in position cement concrete 1:3:6 (one cement isto three sand isto six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete including cost of centering and shuttering in foundation and plinth level as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	13.50 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	51300.00
6	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	15.000 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	51000.00
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	18.20 Cubic metre.	4200.00	Rupees Four Thousand Two Hundred Only	Per cubic metre	76440.00
8	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimeter) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimeter) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	300.00 Square metre	845.00	Rupees Eight Hundred Forty Five Only	Per Square metre	253500.00
			% above/below			499897.00


Executive Engineer,
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Daulatpur Chowk.

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HPPWD Division,
Daulatpur Chowk.

Estimated Cost: Rs. 499491/-

Earnest Money: Rs. 10000/-

Time Limit : Three Months

Time Limit : Three Months

Name of Work:- Repair & Restoration of rain damaged on Link Road to Village Sanghnai Km 0/0 to 0/600, (SH- P/L Interlocking Concrete Paver Block & Drain at RD 0/350 to 0/500)

Sr. No.	Description of Item	Unit	Quantity	Rates in		Unit	Amount
				Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed variety of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.		37.20 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6696.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.		45.00 Cubic metre.	210.00	Rupees Two Hundred Ten Only	Per cubic metre	9450.00
3	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.		4.50 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	1080.00
4	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base /base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.		33.75 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	50625.00

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P-2

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying in position cement concrete 1:3:6 (one cement isto three sand isto six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete including cost of centering and shuttering in foundation and plinth level as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	13.50 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	51300.00
6	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depts. on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	14.700 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	49980.00
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	18.30 Cubic metre.	4200.00	Rupees Four Thousand Two Hundred Only	Per cubic metre	76860.00
8	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimeter) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm (fifty millimeter) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	300.00 Square metre	845.00	Rupees Eight Hundred Forty Five Only	Per Square metre	253500.00
						499491.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


 Executive Engineer,
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BILL OF QUANTITY

Job - 14

Estimate Cost :- Rs.472000/-
Earnest Money :-Rs.9500/-
Time Limit :- One Month.

Name of Work :- A/R & M/O various roads under Gagret Sub Division, Gagret Section-I and Mubarikpur Section, (SH:- Supplying and Stacking of dual direction delineator)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Supplying and Stacking of dual direction delineator or guide pole made of Mild steel with pure polyester powder coating with the minimum thickness of powder coating of not less than 40 micron 18 gauge (eighteen gauge) M.S. rectangular pipe of size 25 x 90 mm (twenty five into ninty millimetres) and of length 900mm (nine hundred millimetres) above the ground with about 300mm (three hundred millimetres) base which can be anchored in the ground. Mild steel Guide Poles shall conform to Type XI sheeting specifications as per IRC-67 and ASTM D 4956 with black paint and white retro reflective sheeting which can provide added aesthetics as well in place on both sides of poles as per the direction of the Engineer-in-charge. including carriage of materials within all leads and lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	400.00 Each	1180.00	Rupees One Thousand One Hundred Eighty Only	Each	472000.00
	TOTAL					472000.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					

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DRAFT BILL OF QUANTITY

Job-15

Estimated Cost: Rs.499917/-
Earnest Money: Rs.10000/-
Time Limit : Two Month

Name of Work:- Balance work C/O Link road Govt. High School Gagret to Harijan Basti Kaloh to Gagret Oel Ispur road (SH: C/O Cement concrete pavement from RD 1/400 to 1/900) under SCDP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	2.48	190.00	Rupees One Hundred Ninety Only	Per cubic metre	471.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	5.40	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	18360.00
3	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty) with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, in toe walls etcetera including cost of form work and curing complete as per MORD technical specification section 802, 804, 805, 806, 807, 1202 and 1204 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals	67.38	5700.00	Rupees Five Thousand Seven Hundred Only	Per Cubic metre	384066.00
4	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and as per CPWD specification 2019 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1078.00	90.00	Rupees Ninety Only	Per Kg	97020.00
	TOTAL					499917.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			

Executive Engineer,
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Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-16

Estimated Cost: Rs. 301143/-
Earnest Money: Rs.6000/-
Time Limit : Three Months

Name of Work:-Restoration of Rain Damages on link road Toriwala Mohalla to Bada Talab Km 0/0 to 0/750, (SH- P/L Paver Block & Edge wall at RD 0/565 to 0/595)

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush seprately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government	16.20 Cubic metre.	200.00	Rupees Two Hundred Only	Per cubic metre	3240 00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4	21.00 Cubic metre.	210.00	Rupees Two Hundred Ten Only	Per cubic metre	4410 00
3	Providing and laying in position cement concrete 1:3:6 (one cement isto three sand isto six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete including cost of centering and shuttering in foundation and plinth level as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	40.50 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	153900 00
4	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depths, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	7.92 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	26928 00
5	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	5.70 Cubic metre.	4200.00	Rupees Four Thousand Two Hundred Only	Per cubic metre	23940 00

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Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
6	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	105.00 Square metre	845.00	Rupees Eight Hundred Forty Five Only	Per Square metre	88725.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			
						301143.00


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-17

Estimated Cost: Rs. 497760/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on link road Toriwala Mohalla to Bada Talab Km 0/0 to 0/750, (SH)- Construction of protection along nallah Km 0/315 to 0/345 RHS and protection along field Km 0/315 to 0/345 LHS & U-Shape drain at RD 0/490 to 0/600)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	93.60 Cubic metre	190 00	Rupees One Hundred Ninety Only	Per cubic metre	17784.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	66.98 Cubic metre	3400 00	Rupees Three Thousand Four Hundred Only	Per cubic metre	227732.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	58.58 Cubic metre	3800 00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	222604.00
4	Providing weep holes in brick masonry/plain (reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	20.00 Number	240 00	Rupees Two Hundred Forty Only	Each	4800.00
5	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	41.40 Cubic metre	600 00	Rupees Six Hundred Only	Per cubic metre	24840.00
	TOTAL					497760.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daultapur Chowk.

Job-18

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 296316/-
Earnest Money: Rs. 5900/-
Time Limit : Two Month.

Name of Work:-Balance work C/O Govt. Sr. Sec. School Bhaderkali, Tehsil Ghanari Distt. Una (HP) (SH: C/O Levelling of School playground) Depositi work.

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	1275.00 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	306000.00
TOTAL						306000.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Job-19

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 499020/-
 Earnest Money: Rs. 10000/-
 Time Limit : Three Month

Name of Work: Restoration of Rain Damages on link Road to Harijan basti Bandu Km 0/0 to 2/0, (SH- Construction of Retaining wall along nallah at Km 0/810 to 0/870)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	39.00 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	7020.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	136.800 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	465120.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plasi/Relpipe, working pressure not less then 4.50 Kg/Sq. cm, (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	40.00 Number	240.00	Rupees Two Hundred Forty Only	Each	9600.00
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	28.80 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	17280.00
	TOTAL					499020.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-20

Estimated Cost: Rs. 498480/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on Jeepable road Bhaderkali Bridge to GMS Abhyepur Km 0/0 to 1/0, (SH- Construction of Retaining wall along school ground at Km 0/130 to 0/190)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	36.00 Cubic metre	180.00	Rupees One Hundred Eighty Only	Per cubic metre	6480.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	136.800 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	465120.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V/20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	40.00 Number	240.00	Rupees Two Hundred Forty Only	Each	9600.00
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	28.80 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	17280.00
	TOTAL					498480.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-21

Estimated Cost: Rs. 227385/-
Earnest Money: Rs. 4600/-
Time Limit : Three Month

Name of Work: - Restoration of Rain Damages on link road to Bhanjal Harijan Basti Km 0/0 to 4/0, (SH- Construction of Breast Wall at Km 1/300 to 1/315 and V-Shape Drain at Km 1/240 to 1/315)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	30.30 Cubic metre	190.00	Rupees One Hundred Ninety Only	Per cubic metre	5757.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	49.20 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	167280.00
3	Providing and laying in position cement concrete 1:3:6 (one cement isto three sand isto six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete including cost of centering and shuttering in foundation and plinth level as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.66 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	48108.00
4	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	26.00 Number	240.00	Rupees Two Hundred Forty Only	Each	6240.00
	TOTAL					227385.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Job-22

Estimated Cost: Rs.394050/-
 Earnest Money: Rs.7900/-
 Time Limit : Three Month

Estimated Cost: Rs.394050/-
 Earnest Money: Rs.7900/-
 Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on link road to Bhanjal Harijan Basti Km 0/0 to 4/0, (SH- Construction of U Shape Drain at Km 1/415 to 1/600)

Sr. No.	Sub-Head and Items of work	Rates in		Quantity	Rates in		Unit	Amount
		Figures	Words		Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	177.60	Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	35520.00	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	94.35	Cubic metre	3800.00	Rupees Three Thousand Six Hundred Fifty Only	Per cubic metre	358530.00	
TOTAL							394050.00	
					% above/below			
					Quoted Rate in Words			
					Quoted Rate in Figure			

Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Job-23

Estimate Cost :- Rs.317342/-
 Earnest Money :-Rs.6300/-
 Time Limit :- Three Month.

Estimate Cost :- Rs.317342/-
 Earnest Money :-Rs.6300/-
 Time Limit :- Three Month.

Name of Work:- Restoration of Rain Damages on link road to Bhanjal Harijan Basti Km 0/0 to 4/0, (SH:- C/O wire crate wall in Km 1/200 to 1/215)

Sr. No.	Description of Item	Rate to		Quantity	Rate in		Unit	Amount
		Figures	Words		Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and NORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	194.00	Rupees One Hundred Ninety Four Only	57.29.70 Cubic metre	194.00	Rupees One Hundred Ninety Four Only	Per cubic metre	5762.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3400.00	Rupees Three Thousand Four Hundred Only	2.70 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	9180.00
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	2650.00	Rupees Two Thousand Six Hundred Fifty Only	108.00 Cubic metre	2650.00	Rupees Two Thousand Six Hundred Fifty Only	Per Cubic metre	2,86,200.00
5	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	240.00	Rupees Two Hundred Forty Only	67.50 Cubic metre	240.00	Rupees Two Hundred Forty Only	Per cubic metre	16200.00
	TOTAL			17342.00				317342.00
	Quoted Rate in Figure		Quoted Rate in Figure					
	Quoted Rate in Words		Quoted Rate in Words					
			% above/below					

Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Estimated Cost: Rs. 442442/-
 Earnest Money: Rs.8900/-
 Time Limit : Three Month

Estimated Cost: Rs. 442442/-
 Earnest Money: Rs.8900/-
 Time Limit : Three Month

Name of Work:- C/O Link road Bhaderkali Pirthipur to Harijan Basti Abheypur Km. 0/0 TO 5/0, (SH- Construction of Retaining wall at Km 0/410 to 0/445 RHS) Under SCDP

Sr. No.	Sub-Head and Items of work	Rates in		Quantity	Unit	Rates in		Amount
		Figures	Words			Figures	Words	
1	Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, levelling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	180.00	Rupees One Hundred Eighty Only	29.40	Cubic metre			5292.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depts on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3400.00	Rupees Three Thousand Four Hundred Only	114.800	Cubic metre			390320.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relipe, working pressure not less than 4.50 Kg/Sq. cm (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORTH technical specification section .700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	240.00	Rupees Two Hundred Forty Only	56.00	Number			13440.00
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORTH technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	600.00	Rupees Six Hundred Only	55.65	Cubic metre			33390.00
	TOTAL			256.85				442442.00
	Quoted Rate in Figure	% above/below						
	Quoted Rate in Words							

Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

Job-25

DRAFT BILL OF QUANTITY

Estimated Cost: Rs.449427/-
Earnest Money: Rs.9000/-
Time Limit : Three Month

Name of Work:-C/O Link road Bhaderkali Pirthipur to Harijan Basti Abheypur Km. 0/0 TO 5/0, (SH:- Construction of 900mm dia RCC Hume pipe culvert at RD 0/4/0 and Breast wall at Km 0/510 to 0/540 LHS) Under SCDP

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	53.18 Cubic metre	194.00	Rupees One Hundred Ninety Four Only	Per cubic metre	10317.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	96.68 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	328712.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORTH technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	2.51 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	9538.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in substructure, in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in Abutments, Return wall, toe wall and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government	13.58 Cubic metre	4000.00	Rupees Four Thousand Only	Per Cubic metre	54320.00
5	Providing and laying (to level or slope) 900mm-dia (Nine hundred millimeter) diameter reinforced cement concrete light duty non pressure pipes IS Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1:2 (One cement isto two sand) but excluding the cost of excavation, protection works, back filling, pipe bedding concrete and masonry work in head walls and parapets as per drawing and M.O.R.D. technical specifications clause 1101.5 and as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, Malkhana, GST, toll tax, sale tax or other taxes imposed by the Government	10.00 Running Metre	3550.00	Rupees Three Thousand Five Hundred Fifty Only	Per Running Metre	35500.00

Cont. P-2

P-2

Sr. No.	Sub-Head and Items of work	Unit	Quantity	Rates in		Unit	Amount
				Figures	Words		
6	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plas/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.		28.00 Number	240.00	Rupees Two Hundred Forty Only	Each	6720.00
7	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.		7.20 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	4320.00
TOTAL							
				Quoted Rate in Figure			
				Quoted Rate in Words			
				% above/below			
							449427.00

Executive Engineer,
HPPWD Division,
Daulatpur Chowk

DRAFT BILL OF QUANTITY

Estimated Cost: Rs.498240/-
Earnest Money: Rs.10000/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on Link road T-05 to Thaplan Km 0/0 to 8/200, (SH:- C/O Retaining Wall from RD 3/326 to 3/337)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	24.15 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	4830.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	139.950 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	475830.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	26.00 Number	240.00	Rupees Two Hundred Forty Only	Each	6240.00
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	18.90 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	11340.00
	TOTAL					498240.00
			% above/below			
	Quoted Rate in Figure	Quoted Rate in Words				

Executive Engineer,
HPPWD Division,
Daultpur Chowk.

BILL OF QUANTITY

Job-27

Estimate Cost :- Rs.417061/-
Earnest Money :-Rs.8300/-
Time Limit :- Three Month.

Name of work:- Repair Restoration of rain damaged on Link Road Gagret Oel Ispur road Km 0/0 to 13/400, (SH- Extension of Slab Culvert at RD 11/300)

Sl. No.	Description of Item	Rate in		Quantity	Unit	Amount
		Figures	Words			
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetra in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) as per drawings and MORTH technical specifications section 300 and as per direction of the Engineer-in-charge by mechanical means and labour if required including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimeters) compacted thickness including shoring and strutting and pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rate is including octroi, royalty, Malkhana, toll tax, GST or any other taxes imposed by the Government.	190.00	Rupees One Hundred Ninety Only	50.40 Cubic metre.	Per cubic metre	9576.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetra complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3400.00	Rupees Three Thousand Four Hundred Only	25.650 Cubic metre	Per cubic metre	87210.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, Grade M-10(Ten) nominal mix 1:3:6 (One cement isto three sand isto six graded crushed stone aggregate 40mm(Forty millimeter)nominal size) in or under water in open foundation lean concrete for all type of structures, including cost of form work and curing complete and as per MORTH Technical, specification clauses-1500,1700 & 2100 including pumping or bailing out water/dewatering (surface/Sub-soil water) and removal of slush which may arise at the time of laying under water for all heights/depths and for any quantum of water complete including carriage of materials within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sales tax or any other taxes imposed by the Government.	3800.00	Rupees Three Thousand Eight Hundred Only	5.22 Cubic metre.	Per cubic metre	19836.00
4	Providing and laying mechanically mixed and vibrated concrete for plain/reinforced concrete in sub-structure for all type of structure complete of plain cement concrete grade M-15 (M- fifteen) with minimum cement contents not less than 275 Kg (Two hundred seventy five kilogram) per cubic metre with crushed stone aggregate 40mm (Forty millimetre) nominal size, on ground or under water and curing complete for 14 (fourteen) days including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying concrete complete for all heights/ depths including the cost of form work in all type of structure like Abutment, Return wall, Toe wall, parapets etcetra as per drawings and MORTH technical specification section 1500, 1700 and 2100 and as directed by the Engineer-in-charge including carriage of material within all leads, lifts, height and other incidentals. The rate is including octroi, royalty, Malkhana, toll tax, GST or any other taxes imposed by the Government.	4000.00	Rupees Four Thousand Only	55.57 Cubic metre.	Per cubic metre	222280.00

Cont. - P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanical mixed and vibrated reinforced cement concrete M-20 (M-Twenty) in substructure with minimum cement contents not less than 350 Kg (Three hundred fifty kilograms) per cubic metre with 20mm (Twenty millimeters) nominal size crushed stone aggregate (extra cement as per design mix above the minimum cement contents specified shall not be paid extra) in bed block and dirt wall as per drawings and MORTH technical specification section 1500 and 2200 including form work and curing complete and as directed by the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkhana, toll tax, GST or any other taxes imposed by the Government.	2.34 Cubic metre	4400.00	Rupees Four Thousand Four Hundred Only	Per Cubic metre	10296.00
6	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M25 (M-Twenty Five) with minimum cement contents of 400 kgs. (four hundred kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in Deck slab and the like up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	4.86 Cubic metre	5800.00	Rupees Five Thousand Eight Hundred Only	Per Cubic metre	28188.00
7	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and MORTH technical specifications section 1600 and 2300 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rate including of Octroi, Royalty, Malkhana, Toll Tax, Sale Tax or other Taxes imposed by the Government.	450.000 Kg	85.00	Rupees Eighty Five Only	Per Kg	38250.00
8	Back filling with granular material behind abutment, wing wall and return wall complete as per drawings & MORTH technical specification Clause 710.1.4. of IRC :78 and section 2200 and as directed by the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkhana, toll tax, GST or any other taxes imposed by the Government.	1.500 Cubic metre	630.00	Rupees Six Hundred Thirty Only	Per Cubic metre	945.00
9	Providing and laying 100mm (One Hundred millimeter) diametre PVC pipe Weep Holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra, extending through the full width of the structure with slope of -IV:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORTH technical specification section 2700 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00 Number	240.00	Rupees Two Hundred Forty Only	Each	480.00
	TOTAL					417061.00
			% above/below			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

BILL OF QUANTITY

Job-28

Estimate Cost :- Rs.416551/-
Earnest Money :-Rs.8300/-
Time Limit :- Three Month.

Name of work:- Repair Restoration of rain damaged on Link Road Gagret Oel Ispur road Km 0/0 to 13/400, (SH- Extension of Slab Culvert at RD 3/300)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetra in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging put rocks (Where blasting is prohibited) as per drawings and MORTH technical specifications section 300 and as per direction of the Engineer-in-charge by mechanical means and labour if required including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimeters) compacted thickness including shoring and strutting and pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rate is including octroi, royalty, Malkana, toll tax, GST or any other taxes imposed by the Government.	50.40 Cubic metre.	190.00	Rupees One Hundred Ninety Only	Per cubic metre	9576.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetra complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	25.500 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	86700.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, Grade M-10(Ten) nominal mix 1:3:6 (One cement isto three sand isto six graded crushed stone aggregate 40mm(Forty millimeter)nominal size) in or under water in open foundation lean concrete for all type of structures, including cost of form work and curing complete and as per MORTH Technical, specification clauses 1500,1700 & 2100 including pumping or bailing out water/dewatering (surface/Sub-soil water) and removal of slush which may arise at the time of laying under water for all heights/depths and for any quantum of water complete including carriage of materials within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sales tax or any other taxes imposed by the Government.	5.22 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	19836.00
4	Providing and laying mechanically mixed and vibrated concrete for plain/reinforced concrete in sub-structure for all type of structure complete of plain cement concrete grade M-15 (M- fifteen) with minimum cement contents not less than 275 Kg. (Two hundred seventy five kilogram) per cubic metre with crushed stone aggregate 40mm (Forty millimetre) nominal size on ground or under water and curing complete for 14 (fourteen) days including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying concrete complete for all heights/ depths including the cost of form work in all type of structure like Abutment, Return wall, Toe wall, parapets etcetra as per drawings and MORTH technical specification section 1500, 1700 and 2100 and as directed by the Engineer-in-charge including carriage of material within all leads, lifts, height and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, GST or any other taxes imposed by the Government.	55.57 Cubic metre.	4000.00	Rupees Four Thousand Only	Per cubic metre	222280.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanical mixed and vibrated reinforced cement concrete M-20 (M-Twenty) in substructure with minimum cement contents not less than 350 Kg (Three hundred fifty kilograms) per cubic metre with 20mm (Twenty millimeters) nominal size crushed stone aggregate (extra cement as per design mix above the minimum cement contents specified shall not be paid extra) in bed block and dirt wall as per drawings and MORTH technical specification section 1500 and 2200 including form work and curing complete and as directed by the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkhana, toll tax, GST or any other taxes imposed by the Government.	2.34 Cubic metre	4400.00	Rupees Four Thousand Four Hundred Only	Per Cubic metre	10296.00
6	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M25 (M-Twenty Five) with minimum cement contents of 400 kgs. (four hundred kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in Deck slab and the like up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	4.86 Cubic metre	5800.00	Rupees Five Thousand Eight Hundred Only	Per Cubic metre	28188.00
7	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and MORTH technical specifications section 1600 and 2300 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rate including of Octroi, Royalty, Malkhana, Toll Tax, Sale Tax or other Taxes imposed by the Government.	450.000 Kg	85.00	Rupees Eighty Five Only	Per Kg	38250.00
8	Back filling with granular material behind abutment, wing wall and return wall complete as per drawings & MORTH technical specification Clause 710.1.4. of IRC :78 and section 2200 and as directed by the Engineer-in-charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkhana, toll tax, GST or any other taxes imposed by the Government.	1.500 Cubic metre	630.00	Rupees Six Hundred Thirty Only	Per Cubic metre	945.00
9	Providing and laying 100mm (One Hundred millimeter) diamere PVC pipe Weep Holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra, extending through the full width of the structure with slope of IV:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORTH technical specification section 2700 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	2.00 Number	240.00	Rupees Two Hundred Forty Only	Each	480.00
	TOTAL					416551.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-29

Estimated Cost: Rs. 476412/-
Earnest Money: Rs. 9500/-
Time Limit : Three Month.

Name of Work:- C/O L/R to village Dabban to Mohalla Kharali ward no 5 G.P Nangal Jariala km 0/00 to 1/00, (SH:- Construction of CC pavement, Paved Shoulder and Retaining wall in culvert approaches between RD 0/0 to 0/080) Under MMGSY

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	17.40 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	3132.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	29.28 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	99552.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	26.40 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	100320.00

Cont. P-2

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Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	139.20 Cubic metre	240.00	Rupees Two Hundred Forty Only	Per Cubic metre	33408.00
5	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per Clause 1501.2.2 M-30 (Grade), coarse and fine aggregates conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, weldges, steel plates including levelling the form work as per drawing spreading the concrete with shovel and technical specification clause 1501. as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	43.20 Cubic metre	5500.00	Rupees Five Thousand Five Hundred Only	Per Cubic metre	237600.00
6	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	240.00	Rupees Two Hundred Forty Only	Each	2400.00
	TOTAL					476412.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

76b-30

Estimate Cost :- Rs.477027/-

Earnest Money :-Rs. 9500/-

Time Limit :- Three Month.

Name of Work:- C/O L/R Harijan Basti Nangal Jariala to Mohalla Kabirpanthi Chowki ward No 1&2 in GP Nangal Jariala Km 0/0 to 0/300 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/150) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	2.97 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	549.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government	202.50 Cubic metre.	230.00	Rupees Two Hundred Thirty Only	Per cubic metre	46575.00
3	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government	56.25 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	61875.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	67.50 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	101250.00
5	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	450.00 Square metre	55.00	Rupees Fifty Five Only	Per square metre	24750.00
6	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	450.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	8100.00
7	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	450.00 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	85500.00

Cont. P-3

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
8	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	450.00 Square metre	90.00	Rupees Ninety Only	Per square metre	40500.00
9	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	23.72 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	80648.00
10	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	6.60 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	25080.00
11	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
TOTAL						477027.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

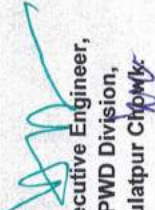
BILL OF QUANTITY

Job-31

Estimate Cost :- Rs.476610/-
Earnest Money :-Rs.9500/-
Time Limit :- Three Month.

Name of Work:- Link road to connect Gagret Daulatpur road to Changa Basti via Mohalla Dhaluwal and Mohalla Chowar ward no 1 G.P Ghanari, (SH:- C/O wire crate wall & Filling in Km 0/550 to 0/600) Under 1/1/65

Sr. No.	Description of Item-	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	66.00 Cubic metre	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	12210.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	6.00 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	20400.00
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	144.00 Cubic metre	2640.00	Rupees Two Thousand Six Hundred Forty Only	Per Cubic metre	3,80,160.00
5	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	266.00 Cubic metre	240.00	Rupees Two Hundred Forty Only	Per cubic metre	63840.00
	TOTAL					476610.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daulatpur Chowk

DRAFT BILL OF QUANTITY

Job-32

Estimate Cost :- Rs.477480/-
Earnest Money :-Rs. 9600/-
Time Limit :- Three Month.

Name of Work:- Construction of Link road from Tatehra bridge to ward no. 5 & 6 upto GPS Tatehra km 0/000-0/710, (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/150) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantity of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	9.90 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	1832.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	60.00 Cubic metre.	230.00	Rupees Two Hundred Thirty Only	Per cubic metre	13800.00
3	Excavation in hilly area in all heights and depths and in all kind of soil by mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line, grades width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification clause 1603.1 Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-charge including carriage of materials disposing of excavated earth within all leads and lifts The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	60.00 Cubic metre.	145.00	Rupees One Hundred Forty Five Only	Per cubic metre	8700.00

Cont, P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	56.25 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	61875.00
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	67.50 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	101250.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	412.50 Square metre	55.00	Rupees Fifty Five Only	Per square metre	22688.00
7	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	412.50 Square metre	18.00	Rupees Eighteen Only	Per square metre	7425.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing course on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	412.50 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	78375.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	412.50 Square metre	90.00	Rupees Ninety Only	Per square metre	37125.00
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	38.25 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	130050.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3.20 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	12160.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
	TOTAL					477480.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

Job-33

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 476580/-
 Earnest Money: Rs. 9500/-
 Time Limit : Two Months

Name of Work:-Construction of Link road from Gagret to oel upper to link with the house of Smt Kiran devi ward no 6 mohalla Saunkhla in G.P Kuthera jaswala Km 0/0 to 0/450, (SH- C/O Cement concrete edge wall and interlocking paver block from km 0/000-0/100) Under MMGSY

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10.80 Cubic metre.	200.00	Rupees Two Hundred Only	Per cubic metre	2160.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	30.00 Cubic metre.	80.00	Rupees Eighty Only	Per cubic metre	2400.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depts, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	54.70 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	185980.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.45 Cubic metre.	4200.00	Rupees Four Thousand Two Hundred Only	Per cubic metre	52290.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compaction and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	275.00 Square metre	850.00	Rupees Eight Hundred Fifty Only	Per Square metre	233750.00
						476580.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-34

Estimate Cost :- Rs.477483/-

Earnest Money :-Rs. 9600/-

Time Limit :- Three Month.

Name of Work:- Construction of Ambulance road from L/R Gagret oel ispur to Link with Shamshan Ghat of G.P Kuthera Jaswala Km 0/0 to 0/500 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/150) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	8.91 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	1648.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	101.25 Cubic metre.	230.00	Rupees Two Hundred Thirty Only	Per cubic metre	23288.00
3	Excavation in hilly area in all heights and depths and in all kind of soil by mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line, grades width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification clause 1603.1 Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-charge including carriage of materials disposing of excavated earth within all leads and lifts The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	45.00 Cubic metre.	145.00	Rupees One Hundred Forty Five Only	Per cubic metre	6525.00

Cont. P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	52.50 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	57750.00
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	57.75 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	86625.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	385.00 Square metre	55.00	Rupees Fifty Five Only	Per square metre	21175.00
7	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	385.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	6930.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder (viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	385.00 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	73150.00

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm- (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	385.00 Square metre	90.00	Rupees Ninety Only	Per square metre	34650.00
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.43 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	161262.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.60 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	2280.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
TOTAL						477483.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chhok.

DRAFT BILL OF QUANTITY

Job - 35

Estimate Cost :- Rs.476656/-

Earnest Money :-Rs. 9500/-

Time Limit :- Three Month.

Name of Work:- Construction of Link road from Daulatpur Shankar Nagar Road (Km 5/100) to Harijan Basti Bhudda mohalla in ward no. 03 Gram Panchayat Bhaderkali Km. 0/0 to 0/200, (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/000 to 0/175) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	6.60 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	1221.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirements, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	105.00 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	25200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	52.50 Cubic metre.	80.00	Rupees Eighty Only	Per cubic metre	4200.00

Cont. P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	65.63 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	72193.00
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	73.50 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	110250.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	490.00 Square metre	55.00	Rupees Fifty Five Only	Per square metre	26950.00
7	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	490.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	8820.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	490.00 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	93100.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	490.00 Square metre	90.00	Rupees Ninety Only	Per square metre	44100.00
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	24.23 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	82382.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	1.20 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	4560.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	16.00 Number	230.00	Rupees Two Hundred Thirty Only	Each	3680.00
TOTAL						476656.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-36

Estimate Cost :- Rs.451619/-
Earnest Money :-Rs. 9000/-
Time Limit :- Three Month.

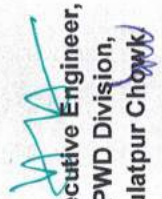
Name of Work:- C/O & M/T Jeepable road Harijan Basti Amlēhar Km 0/850 to piplu to Bholo Ki Sarai G.P. Ram Nagar via mohalla Peri wala Tarkhan Loharan Km 0/0 to 0/500, (SH):- Construction of Hill cutting, embakment filling in Km 0/0 to 0/500 and Retaining wall from Km 0/0 to 0/015 BHS) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government	11.55 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	2137.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	247.50 Cubic metre.	220.00	Rupees Two Hundred Twenty Only	Per cubic metre	54450.00
3	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	378.00 Cubic metre.	120.00	Rupees One Hundred Twenty Only	Per cubic metre	45360.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Excavation in hilly area in all heights and depths and in all kind of soil by mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line, grades width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D. technical specification clause 1603.1 Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-charge including carriage of materials disposing of excavated earth within all leads and lifts The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	402.00 Cubic metre.	145.00	Rupees One Hundred Forty Five Only	Per cubic metre	58290.00
5	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	78.53 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	267002.00
6	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	20.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	4400.00
7	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	33.30 Cubic metre.	600.00	Rupees Six Hundred Only	Per cubic metre	19980.00
TOTAL						451619.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						


Executive Engineer,
HPPWD Division,
Daultapur Chowk

DRAFT BILL OF QUANTITY

Job-37

Estimated Cost: Rs. 386244/-
Earnest Money: Rs. 7700/-
Time Limit : Three Month

Name of Work:- Restoration of rain damaged on Link road Harijan Basti Saloh Beri to Saloh in Gram Panchayat Saloh, (SH- Construction of Retaining Wall at Km 0/300 to 0/330)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved shoring and strutting and pumping or bailing out water exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	33.60 Cubic metre	190.00	Rupees One Hundred Ninety Only	Per cubic metre	6384.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	102.600 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	348840.00
3	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) . extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	30.00 Number	260.00	Rupees Two Hundred Sixty Only	Each	7800.00
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	38.70 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	23220.00
	TOTAL					386244.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					

Executive Engineer,
HPPWD Division,
Daulatpur Chowk,

DRAFT BILL OF QUANTITY

Job- 38

Estimated Cost: Rs. 465894/-
Earnest Money: Rs. 9300/-
Time Limit : Three Month

Name of Work:- Restoration of Rain Damages on on NMT road from Mubarikpur to Marwari (Punjab Boundry) KM 54/675 to Km 72/555, (SH:- C/O U-shape Drain in Km 57/985 to 58/170 RHS)

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	194.25 Cubic metre	200.00	Rupees Two Hundred Only	Per cubic metre	38850.00
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORTH technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	112.38 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	427044.00
	TOTAL					465894.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


Executive Engineer,
HPPWD Division,
Daultapur Chowk

DRAFT BILL OF QUANTITY

Job - 39

Estimated Cost: Rs. 477168/-
Earnest Money: Rs. 9500/-
Time Limit : Three Month.

Name of Work:- C/O L/R to village Dabban to Mohalla Kharali ward no 5 G.P Nangal Jariala km 0/00 to 1/00, (SH:- Construction of CC pavement, Paved Shoulder and Retaining wall in culvert approaches between RD 0/100 to 0/200) Under MMGSY

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	21.60 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	3888.00
2	Providing and laying mechanically mixed and vibrated concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	29.28 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	99552.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	26.40 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	100320.00

Cont. P-2

P-2

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	139.20 Cubic metre	240.00	Rupees Two Hundred Forty Only	Per Cubic metre	33408.00
5	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per Clause 1501.2.2 M-30 (Grade), coarse and fine aggregates conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, weldges, steel plates including levelling the form work as per drawing spreading the concrete with shovels and technical specification clause 1501. as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	43.20 Cubic metre	5500.00	Rupees Five Thousand Five Hundred Only	Per Cubic metre	237600.00
6	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less than 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	240.00	Rupees Two Hundred Forty Only	Each	2400.00
	TOTAL					477168.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-40

Estimate Cost :- Rs.476612/-
Earnest Money :-Rs. 9500/-
Time Limit :- Three Month.

Name of Work:- C/O L/R Harijan Basti Nangal Jariala to Mohalla Kabirpanthi Chowki ward No 1&2 in GP Nangal Jariala Km 0/0 to 0/300 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/150 to 0/300) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	5.50 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	1018.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	302.25 Cubic metre.	230.00	Rupees Two Hundred Thirty Only	Per cubic metre	69518.00
3	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	54.25 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	59675.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	65.10 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	97650.00
5	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	427.00 Square metre	55.00	Rupees Fifty Five Only	Per square metre	23485.00
6	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	427.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	7686.00
7	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing course on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	427.00 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	81130.00

Cont. P-3

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
8	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	427.00 Square metre	90.00	Rupees Ninety Only	Per square metre	38430.00
9	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	25.50 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	86700.00
10	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	2.40 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	9120.00
11	Providing weep holes in brick masonry/plain reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
	TOTAL					476612.00
	Quoted Rate in Figure	% above/below				
	Quoted Rate in Words					

BILL OF QUANTITY

Job - 41

Estimate Cost :- Rs.475500/-
Earnest Money :-Rs.9500/-
Time Limit :- Three Month.

Name of Work:- Link road to connect Gagret Daulatpur road to Changa Basti via Mohalla Dhaluwal and Mohalla Chowar ward no 1 G.P Ghanari, (SH:- C/O wire crate wall & Filling in Km 0/600 to 0/650) Under MMSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and NORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	60.00 Cubic metre	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	11100.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	6.00 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	20400.00
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	144.00 Cubic metre	2640.00	Rupees Two Thousand Six Hundred Forty Only	Per Cubic metre	3,80,160.00
5	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORD technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	266.00 Cubic metre	240.00	Rupees Two Hundred Forty Only	Per cubic metre	63840.00
	TOTAL					475500.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk

DRAFT BILL OF QUANTITY

Job-42

Estimate Cost :- Rs.477174/-
Earnest Money :-Rs. 9500/-
Time Limit :- Three Month.

Name of Work:- Construction of Link road from Tatehra bridge to ward no. 5 & 6 upto GPS Tatehra km 0/000-0/710, (SH:- Construction of Jeepable road GSB, WMM, Metallising & Tarring in Km. 0/150 to 0/300) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	8.25 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	1526.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirements, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	60.00 Cubic metre.	230.00	Rupees Two Hundred Thirty Only	Per cubic metre	13800.00
3	Excavation in hilly area in all heights and depths and in all kind of soil by mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line, grades width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification clause 1603.1 Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-charge including carriage of materials disposing of excavated earth within all leads and lifts The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	60.00 Cubic metre.	145.00	Rupees One Hundred Forty Five Only	Per cubic metre	8700.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	56.25 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	61875.00
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point zero seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	67.50 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	101250.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	412.50 Square metre	55.00	Rupees Fifty Five Only	Per square metre	22688.00
7	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	412.50 Square metre	18.00	Rupees Eighteen Only	Per square metre	7425.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing course on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	412.50 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	78375.00

Cont. P-3

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	412.50 Square metre	90.00	Rupees Ninety Only	Per square metre	37125.00
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	38.25 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	130050.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3.20 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	12160.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
	TOTAL					477174.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-43

Estimated Cost: Rs. 477120/-
Earnest Money: Rs.9500/-
Time Limit : Three Months

Name of Work:-Construction of Link road from Gagret to oel upper to link with the house of Smt Kiran devi ward no 6 mohalla Saunkhla in G.P Kuthera jaswala Km 0/0 to 0/450, (SH- C/O Cement concrete edge wall and interlocking paver block from km 0/100-0/200) Under MMGSY

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	13.50 Cubic metre.	200.00	Rupees Two Hundred Only	Per cubic metre	2700.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	30.00 Cubic metre.	80.00	Rupees Eighty Only	Per cubic metre	2400.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depts, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	54.70 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	185980.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.45 Cubic metre.	4200.00	Rupees Four Thousand Two Hundred Only	Per cubic metre	52290.00

Cont. P-2

P-2

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compaction and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	275.00 Square metre	850.00	Rupees Eight Hundred Fifty Only	Per Square metre	233750.00
						477120.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-44

Estimate Cost :- Rs.477167/-

Earnest Money :-Rs. 9500/-

Time Limit :- Three Month.

Name of Work:- Construction of Ambulance road from L/R Gagret oel ispur to Link with Shamshan Ghat of G.P Kuthera Jaswala Km 0/0 to 0/500 , (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/150 to 0/300) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantity of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	7.20 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	1332.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 300 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	101.25 Cubic metre.	230.00	Rupees Two Hundred Thirty Only	Per cubic metre	23288.00
3	Excavation in hilly area in all heights and depths and in all kind of soil by mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line, grades width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in- Charge at site according to the M.O.R.D. technical specification clause 1603.1 Any loss to the public / private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-charge including carriage of materials disposing of excavated earth within all leads and lifts The rate includes octroi, royalty, Malkhana, toll tax, sale tax or other taxes imposed by the Government.	45.00 Cubic metre.	145.00	Rupees One Hundred Forty Five Only	Per cubic metre	6525.00

Cont. P-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	52.50 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	57750.00
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	57.75 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	86625.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	385.00 Square metre	55.00	Rupees Fifty Five Only	Per square metre	21175.00
7	Providing and applying tack coat with bitumen emulsion RS-I, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	385.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	6930.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing course on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	385.00 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	73150.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	385.00 Square metre	90.00	Rupees Ninety Only	Per square metre	34650.00
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.43 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	161262.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	0.60 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	2280.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V/20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2200.00
	TOTAL					477167.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-45

Estimate Cost :- Rs.477063/-

Earnest Money :-Rs. 9500/-

Time Limit :- Three Month.

Name of Work:- Construction of Link road from Daulatpur Shankar Nagar Road (Km 5/100) to Harijan Basti Bhudda mohalla in ward no. 03 Gram Panchayat Bhaderkali Km. 0/0 to 0/200, (SH:- Construction of Jeepable road GSB, WMM, Metalling & Tarring in Km. 0/175 to 0/350) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable compacted thickness including shoring original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	8.80 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	1628.00
2	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	105.00 Cubic metre.	240.00	Rupees Two Hundred Forty Only	Per cubic metre	25200.00
3	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	52.50 Cubic metre.	80.00	Rupees Eighty Only	Per cubic metre	4200.00

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Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Construction of granular sub-base 125mm (one hundred twenty five millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per MORTH technical specification section 400 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	65.63 Cubic metre.	1100.00	Rupees One Thousand One Hundred Only	Per cubic metre	72193.00
5	Providing, laying, spreading and compacting graded stone aggregate size range 53 mm to 0.075 mm (Fifty three millimetre to zero point seven five millimetre) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads and lifts, laying in uniform layers with mechanical/manual mean in sub-base / base course on well prepared surface and compacting with vibratory roller of 8 (eight) to 10 (ten) tonne capacity to achieve the desired density, complete as per MORTH technical specification section 400 and as per the directions of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	73.50 Cubic metre.	1500.00	Rupees One Thousand Five Hundred Only	Per cubic metre	110250.00
6	Providing and applying primer coat with bitumen emulsion (SS-I) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero point eight five kilogram) per square metre of road surface as per MORTH technical specifications section 500 and as per the directions of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate includes octroi, royalty, Malkhana, toll tax, goods service tax, labour cess or other taxes imposed by the Government.	490.00 Square metre	55.00	Rupees Fifty Five Only	Per square metre	26950.00
7	Providing and applying tack coat with bitumen emulsion RS-1, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORTH technical specifications section 500, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	490.00 Square metre	18.00	Rupees Eighteen Only	Per square metre	8820.00
8	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade 30 (thirty) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing coarse on a previously prepared base including mixing and heating binder and aggregate in hot mix plant of 30/40 (thirty/fourty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORTH technical specifications section 500 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	490.00 Square metre	190.00	Rupees One Hundred Ninety Only	Per square metre	93100.00

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
9	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per MORTH technical specifications section 500 using bitumen Viscosity grade 30 (thirty) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	490.00 Square metre	90.00	Rupees Ninety Only	Per square metre	44100.00
10	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	24.23 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	82382.00
11	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	1.20 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	4560.00
12	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	16.00 Number	230.00	Rupees Two Hundred Thirty Only	Each	3680.00
TOTAL						477063.00
Quoted Rate in Figure		% above/below				
Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daultapur Chowk.

DRAFT BILL OF QUANTITY

Job-46

Estimated Cost: Rs. 499876/-
Earnest Money: Rs. 10000/-
Time Limit : Three Month.

Name of Work:- C/O & M/T Jeevable road Harijan Basti Amlehar Km 0/850 to pipilu to Bholo Ki Sarai G.P. Ram Nagar via mohalla Peri wala Tarkhan Loharan Km 0/0 to 0/500, (SH- C/O 3.00mtr. Span RCC slab culvert at RD 0/015) Under MMGSY

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	45.72 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	8230.00
2	Providing and laying in position cement concrete 1:3:6 (one cement isto three sand isto six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete including cost of centering and shuttering in foundation and plinth level as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	4.65 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	17670.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	18.56 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	63104.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) with minimum Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in substructure , in or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in Abutments, Return wall, toe wall and the like etcetera including cost of form work and curing complete as per CPWD specification 2019 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	65.11 Cubic metre.	4000.00	Rupees Four Thousand Only	Per cubic metre	260440.00

Cont. P-2

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 20 (M-Twenty) with minimum cement contents of 340 kg. (Three hundred forty kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in Bed Block, Dirt wall and the like etcetera up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	2.76 Cubic metre.	4400.00	Rupees Four Thousand Four Hundred Only	Per cubic metre	12144.00
6	Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade-M 25 (M-Twenty Five) with minimum cement contents of 400 kgs. (four hundred kilograms) per cubic meter with 20mm (Twenty millimeter) nominal size graded crushed stone aggregate in Deck slab and the like up to all heights, including cost of form work and curing complete but excluding the cost of reinforcement for Reinforced work as per drawing and as per CPWD specification 2019 complete and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	6.84 Cubic metre	5600.00	Rupees Five Thousand Six Hundred Only	Per Cubic metre	38,304.00
7	Supplying fitting and placing HYSD bar reinforcement in super structure complete as per drawing and as per CPWD specification 2019 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire upto any heights as per direction of Engineer-in-Charge including carriage of materials within all leads, lifts. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	1056.000 Kg	90.00	Rupees Ninety Only	Per Kg	95040.00
8	Providing and laying 100mm (One Hundred millimeter) diamere PVC pipe Weep Holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra, extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per CPWD specification 2019 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	12.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	2640.00
9	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	3.84 Cubic metre.	600.00	Rupees Six Hundred Only	Per cubic metre	2304.00
	TOTAL					499876.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					


 Executive Engineer,
 HPPWD Division,
 Daultapur Chowk.

DRAFT BILL OF QUANTITY

Job - 47

Estimated Cost: Rs. 380454/-
Earnest Money: Rs. 7600/-
Time Limit : Three Month.

Name of Work:- C/O L/R to village Dabban to Mohalla Kharali ward no 5 G.P Nangal Jariala km 0/00 to 1/00, (SH:- Construction of CC pavement, Paved Shoulder and Retaining wall in culvert approaches between RD 0/200 to 0/260) Under MMGSY

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	17.40 Cubic metre.	180.00	Rupees One Hundred Eighty Only	Per cubic metre	3132.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	29.28 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	99552.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	15.60 Cubic metre.	3800.00	Rupees Three Thousand Eight Hundred Only	Per cubic metre	59280.00

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P-2

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
4	Construction of embankment for roadway with approved material obtained from borrow pits and laid in layers of suitable thickness not exceeding 200mm (two hundred millimetres) spreading to required slope and compacted with three wheel 80-100 kN static/ vibratory road roller to meet the requirements of Tables 300.1 and 300.2 as per MORTH technical specifications section 300 as per drawings or directions of the Engineer-in-charge including preparation of foundation for embankment in all kinds and classification of soils including saturated soil and dewatering/ bailing out of water wherever required including hauling of materials for construction of embankment within all leads and lifts. The rate shall include carriage of machineries, equipment, tools and materials and safety measures, payment of all taxes and other incidentals necessary to complete the work in all respects and per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkhana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	96.00 Cubic metre	240.00	Rupees Two Hundred Forty Only	Per Cubic metre	23040.00
5	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per Clause 1501.2.2 M-30 (Grade), coarse and fine aggregates conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, weldges, steel plates including levelling the form work as per drawing spreading the concrete with sholve and technical specification clause 1501. as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	35.10 Cubic metre	5500.00	Rupees Five Thousand Five Hundred Only	Per Cubic metre	193050.00
6	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	10.00 Number	240.00	Rupees Two Hundred Forty Only	Each	2400.00
	TOTAL					380454.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					

Executive Engineer,
HPPWD Division,
Daulatpur Chowk

DRAFT BILL OF QUANTITY

Job-48

Estimated Cost: Rs. 383734/-
Earnest Money: Rs. 7700/-
Time Limit : Three Month.

Name of Work:- C/O L/R Harijan Basti Nangal Jariala to Mohalla Kabirpanthi Chowki ward No 1&2 in GP Nangal Jariala Km 0/0 to 0/300, (SH:- Construction of Solid causeway at RD 0/150 and crate wall at RD 0/050 to 0/085) Under MMGSY

Sr. No.	Sub-Head and Items of work	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches, drain etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	43.80	180.00	Rupees One Hundred Eighty Only	Per cubic metre	7884.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORD technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	5.00	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	17000.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	8.50	3600.00	Rupees Three Thousand Six Hundred Only	Per cubic metre	30600.00

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Sr. No.	Sub-Head and Items of work	Quantity		Rates in		Unit	Amount
				Figures	Words		
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M-15 (M-Fifteen) Nominal mix 1:2½:5 (one cement isto two and half sand isto five graded crushed stone aggregate (40mm) forty millimeter nominal size) in open foundation or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, in open foundation etcetera including cost of form work and curing complete as per MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax, or any other taxes imposed by the Government.	36.80	Cubic metre	4000.00	Rupees Four Thousand Only	Per Cubic metre	1,47,200.00
5	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base with 43 grade cement or any other type as per Clause 1501.2.2 M-30 (Grade), coarse and fine aggregates conforming to IS: 383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, weldges, steel plates including levelling the form work as per drawing spreading the concrete with sholve and technical specification clause 1501. as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	18.50	Cubic metre	5500.00	Rupees Five Thousand Five Hundred Only	Per Cubic metre	1,01,750.00
6	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	30.500	Cubic metre	2600.00	Rupees Two Thousand Six Hundred Only	Per Cubic metre	79,300.00
	TOTAL						383734.00
	Quoted Rate in Figure			% above/below			
	Quoted Rate in Words						

Executive Engineer,
HPPWD Division,
Daulatpur Chowk

BILL OF QUANTITY

Job-49

Estimate Cost :- Rs.381288/-
Earnest Money :-Rs.7600/-
Time Limit :- Three Month.

Name of Work:- Link road to connect Gagret Daulatpur road to Changa Basti via Mohalla Dhaluwal and Mohalla Chowar ward no 1 G.P Ghanari, (SH:- C/O wire crate wall & Filling in Km 0/650 to 0/690) *Changa MGS*

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiselling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	52.80 Cubic metre	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	9768.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	4.80 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	16320.00
3	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rates including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	115.20 Cubic metre	2640.00	Rupees Two Thousand Six Hundred Forty Only	Per Cubic metre	3,04,128.00
5	Construction of embankment with approved materials deposited at site obtained from roadway cutting and excavation from drains and foundation of all other structures or other sources, or obtained from borrow pits within all leads and lifts, graded and compacted to meet requirement, including setting out, true to the lines, grades, width and side slopes in accordance with drawings, including spreading the embankment material with motor-Grader in successive layers of 200mm (two hundred millimeter) uniform thickness, and compacting with vibratory roller 8-10 (eight to ten) Tonne static weight to meet the requirements of table 300.1 & 300.2 of MORTH technical specification section 300 and 1600 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	212.80 Cubic metre	240.00	Rupees Two Hundred Forty Only	Per cubic metre	51072.00
	TOTAL					381288.00
	Quoted Rate in Figure		% above/below			
	Quoted Rate in Words					

(Signature)
Executive Engineer,
HPPWD Division,
Daulatpur Chowky

Job-50

DRAFT BILL OF QUANTITY

Estimated Cost: Rs. 381398/-
 Earnest Money: Rs. 7600/-
 Time Limit : Three Months

Name of Work:-Construction of Link road from Gagret to oel upper to link with the house of Smt Kiran devi ward no 6 mohalla Saunkhla in G.P Kuthera jaswala Km 0/0 to 0/450, (SH- C/O Cement concrete edge wall and interlocking paver block from km 0/200 to 0/280) Under MMGSY

Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
1	Excavation in earth work in foundation and trenches etcetera in all kind and classification of soil such as pick work, jumper work, pick jumper work, blasting work and hard blasting work and saturated soil any other mixed verity of soil in dry or saturated condition upto any depth and lift upto any height including chiseling/wedging out rocks where blasting prohibited dewatering pumping or bailing out water where required and/ removal of slush separately as directed which may arise during the execution including stacking the serviceable and unserviceable material and then returning stacked soil in any thickness of layers when required into plinth side of foundation etcetera consolidating each deposited layers by ramming and watering then disposing of all surplus unserviceable excavated earth as specified dumping place as per CPWD specifications 2019 complete and direction of Engineer-in-charge including carriage of materials/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	8.10 Cubic metre.	200.00	Rupees Two Hundred Only	Per cubic metre	1620.00
2	Loosening, Levelling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at OMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4 and as per the entire satisfactions and directions of Engineer-in-Charge, including carriage of material within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkana, toll tax, goods service tax, labour cess or any other taxes imposed by the Government.	24.00 Cubic metre.	80.00	Rupees Eighty Only	Per cubic metre	1920.00
3	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete in all heights/depts, on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls, Breast Walls etcetera complete as per drawing and CPWD specifications 2019 and as per the direction and entire satisfaction of Engineer-in-Charge, including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	42.72 Cubic metre.	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	145248.00
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) nominal mix 1:2:4 (One cement isto two sand isto four graded stone aggregate 20mm (twenty millimeter) nominal size in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and CPWD specification 2019 including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	10.05 Cubic metre.	4200.00	Rupees Four Thousand Two Hundred Only	Per cubic metre	42210.00

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Sr. No.	Description of Item	Quantity	Rates in		Unit	Amount
			Figures	Words		
5	Providing and laying factory made chamfered edge Cement Concrete paver blocks 80mm (Eighty millimetre) thick of M-30 (thirty) grade with approved color design and pattern in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm(fifty millimetre) thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete as per CPWD specification 2019 including carriage of materials up to all leads, lifts and other incidentals. The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	224.00 Square metre	850.00	Rupees Eight Hundred Fifty Only	Per Square metre	190400.00
						381398.00
			% above/below			
			Quoted Rate in Figure			
			Quoted Rate in Words			


Executive Engineer,
HPPWD Division,
Daulatpur Chowk.

DRAFT BILL OF QUANTITY

Job-51

Estimate Cost :- Rs.381680/-
Earnest Money :-Rs. 7600/-
Time Limit :- Three Month.

Name of Work:- Construction of Ambulance road from L/R Gagret oel ispur to Link with Shamshan Ghat of G.P Kuthera Jaswala Km 0/0 to 0/500 , (SH:- Construction of Retaining wall & Drain in Km. 0/030 to 0/070) Under MMGSY

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORTH Technical Specification section 304 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	36.00 Cubic metre.	185.00	Rupees One Hundred Eighty Five Only	Per cubic metre	6660.00
2	Providing and laying mechanically mixed and vibrated cement concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded crushed stone aggregate 25mm (twenty five millimeter) nominal size) for plain cement concrete in all heights/depths on ground or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depths and any quantum of water, including cost of form work and curing complete in all type of structures like Retaining Walls & Breast Walls etcetera complete as per drawing and MORTH technical specification section 800, 900, 1200 and 1600 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	83.20 Cubic metre	3400.00	Rupees Three Thousand Four Hundred Only	Per cubic metre	282880.00
3	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORTH technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	14.40 Cubic metre	3800.00	Rupees Three Thousand Eight Hundred Only	Per Cubic metre	54720.00

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Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing weep holes in brick masonry/plain /reinforced concrete abutments, wing wall/ return wall, retaining walls and breast walls etcetra with 100mm (One Hundred millimeter) diamere PVC pipe make of D-Plast/Relpipe, working pressure not less then 4.50 Kg/Sq. cm. (four point five zero kilogram per square centimetre) , extending through the full width of the structure with slope of 1V:20H (One vertical : twenty Horizontal) towards draining face complete as per drawing and MORD technical specification section 700 and 1200 and as per the directions and entire satisfactions of Engineer-in-Charge, including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	40.00 Number	220.00	Rupees Two Hundred Twenty Only	Each	8800.00
5	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification section 1200 and 1600 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, Goods Service tax, toll tax, sale tax or any other taxes imposed by the Government.	47.70 Cubic metre	600.00	Rupees Six Hundred Only	Per cubic metre	28620.00
	TOTAL					381680.00
			Quoted Rate in Figure			
			Quoted Rate in Words			
			% above/below			


 Executive Engineer,
 HPPWD Division,
 Daulatpur Chowk