

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT.
NOTICE INVITING TENDER

Sealed percentage rate tenders are hereby invited on Form No.7 &8 by the undersigned on behalf of the Governor of Himachal Pradesh for the following works 07-03-2024 upto 11:00 A.M and shall be opened on the same day on 11:30 P.M. in the presence of the intending contractors or their authorized representative who may like to be present. The tender form can be had from this office against cash payment (Non- refundable) during the working hours.

The earnest money in the shape of National Saving Certificate, FDRs/TDRs/Account/Saving account in any of the Post Office/ Nationalized Bank in H.P. duly pledged in favour of the Executive Engineer, (B&R) Division, H.P.PWD, Sarahan must accompany with each applications/tender. Conditional tenders and the tenders received without earnest money will simultaneously be rejected. The offer of the tender shall be kept open for 75 days. The undersigned reserves the right to reject the any or all tender without assigning any reason.

S.No.	Tender Schedule				
1	Last date for tender receipt of application for tender form	05-03-2024 up to 4:00 PM			
2	Last date of sale of tender forms	06-03-2024 up to 4:00 PM			
3	Date of receipt of tender forms	07-03-2024 up to 11:00 P.M			
4	Date of opening of tenders	07-03-2024 at 11:30 PM			
Sr. No	Name of Work	Estimated cost	Earnest Money	Time Limit	Cost of Form
1	R/R damages on Dungaghat Bagthan road Km 0/0 to 12/450 (SH:- C/O PCC R/wall at Rd 7/040 to 7/050) Height 3.04 & 7/100 to 7/113 height 3.65 mtr	486499/-	10000/-	One Month	350/-
2	C/O Mari Ka Ghat Jaganji Ki Ser road Km 0/0 to 8/00 (SH:- C/O PCC R/wall at RD 0/192 to 0/205 and 0/215 to 0/220) Under MMSY	482361/-	10000/-	Two Month	350/-
3	R/R damages on Kanyon Shirla Anji Km 0/0 to 6/480 (SH:- C/o R/wall of wire crate at Rd 2/434 to 2/454)Height 5 mtr	495248/-	10000	One Month	350/-
4	C/o link road to village Gandhal Km 0/0 to 7/00 (SH;- Improvement of curve at various RD 2/590 to 2685, 5/320 to 5/443) MNP	461440/-	9500/-	One Month	350/-
5	R/R damages on Lawassa Chowki Preet Nagar road Km 0/0 to 42/00(SH:- C/O PCC R/wall at Rd 2/740 to 2/750) height 2.44 mtr	135515/-	3000/-	One Month	350/-
6	C/O Naina Tikker Chadiyar road Km 0/0 to 2/300 (SH:- ROFD in Km 0/420 to 0/495)	482400/-	10000/-	Two Month	350/-
7	A/R & M/O residential Accomodation at PWD Colont Sarahan (SH:- Providing tiles work, wood work, Plastering , Distempering Painting work and replacing old and damaged W/S and S/I fixtures in Type-II Qtrs (in Block B Qtr No.1)	499622/-	10000/-	One Month	350/-
8	A/R & M/O residential Accomodation at PWD Colont Sarahan (SH:- Providing tiles work, wood work, Plastering , Distempering Painting work and replacing old and damaged W/S and S/I fixtures in Type-I Qtrs (in Block B Qtr No.2)	499622/-	10000/-	One Month	350/-
9	R/R damages on BBRC road Km 7/00 to 28/00 (SH:- C/O wire crate at RD 23/3902 to 23/045 height 6.25 mtr)	435411/-	9000/-	One Month	350/-

Certificate:-It is certified that the tender of above work are exigency/emergent nature and in public interest.

Terms & conditions:-

1. The contractors/Bidders must submit their Permanent Income Tax Account Number/GST number on the tender along with copy of the same be attached with the application.
2. The contractor/Firms should attached copy of the Registration/Renewal with the application.
3. The contractors/bidders must inspect the site to ascertain/familiar the site conditions, accessibility etc. Before quoting the bid/tender.

4. Conditional and telegraphic tender will not be accepted and rejected straightway. Tender received after due date and time shall not entertained.
5. The contractor/firm should have to produce the detail of work in hand in HPPWD and its position therefore along with application.
6. The tender document shall be issued to only those contractors who does not have more than two works in hand in HPPWD Circle/ Division.
7. The contractor shall have to establish testing laboratory at site for the day to day testing of material.
8. The Executive Engineer reserves the right to reject or cancel any or all the tenders without assigning any reason.


Executive Engineer
HPPWD Division Sarahan
District Sirmour (HP)

Dated:- 28-2-24

No.PW/SRN/Estt-Tender/2022-23-

9829-59

Copy forwarded for information and necessary action to:-

1. The Engineer-in-Chief, HP.PWD, Shimla-171002.
2. The Chief Engineer (South) HP.PWD, Shimla-171002.
3. The Superintending Engineer, 12th Circle HPPWD Nahan.
4. The Executive Engineer (IT Cell), Nigam Vihar, HPPWD Shimla-2 for uploaded of Notice Inviting Tenders on Departmental website please.
5. All the Assistant Engineers working under this Division.
6. 7. All Intending Bidders/Contractors.
8. Notice Board.


Executive Engineer
HPPWD Division Sarahan
District Sirmour (HP)

SCHEDULE OF QUANTITY

Name of work:- R/R Damages on Dunga ghat Bagthan Road Km 0/0 to 12/450 (SH:-C/O PCC R/Wall at RD7/040 to 7/050 Height 3.04 mtr & 7/100 to 7/113 Height 3.65mtr

Estimated cost:-Rs.486499/-

Earnest money:- Rs. 10000/-

Time Limit:- One Months.

Sr. No	Description Items of work	Qty.	Unit	in figures.	Rate		Amount
					in words		
1	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 (Clause ThreeHundred Five point One) including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	21.61	Per Cubic Metre.	194.00	Rupees one hundred ninety four and paise zero only.	6	7
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications C- 802, 803, 1202 & 1203(Clause - Eight hundred Two, Eight hundred Three, One thousand Two hundred Two and One thousand Two hundred Three) 1:4:8. (One Cement: Four Sand : Eight graded stone) aggregate 25 mm nominal size and curing complete including the cost of form work and carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	96.74	Per Cubic Metre.	4717.20	Rupees four thousand seven hundred seventeen and paise twenty only		456342.00
3	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm (One Hundred) dia AC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 (Clause - Six hundred Fourteen, Seven hundred Nine, One thousand Two hundred Four point Three point Seven)).including hauling /carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge	26.000	Each	270.30	Rupees. Two Hundred seventy and paise thirty only.		7028
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in granular material and as per direction of the Engineer-in Charge, including carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction of the Engineer-in-Charge.	25.66	Per Cubic Metre.	738.00	Rupees seven Hundred thirty eight and paise zero Only.		18937.00
							486499.00


 Executive Engineer
 Sarahan Division
 HP, PWD, Sarahan

SCHEDULE OF QUANTITY

Name of work:- -C/O Mari ka ghat Chando Jaganji ki ser road 0/0 to 8/00 (SH:- C/O PCC R/Wall at RD 0/192 to 0/205 and 0/215 to 0/220) Under MMSY

Estimated cost:-Rs.4,82,361/-

Earnest money:- Rs. 10000/-

Time Limit:- Two Month.

Sr. No	Description Items of work	Qty.	Unit	in figures.	Rate		Amount
					in words	in figures.	
1	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 (Clause ThreeHundred Five point One) including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	3	4	5	6	7	10301.00
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications C- 802, 803, 1202 & 1203(Clause - Eight hundred Two, Eight hundred Three, One thousand Two hundred Two and One thousand Two hundred Three) 1:4:8. (One Cement : Four Sand : Eight graded stone) aggregate 25 mm nominal size and curing complete including the cost of form work and carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	53.10	Per Cubic Metre.	194.00	Rupees one hundred ninety four and paise zero only.		450021.00
3	Providing weapholes in brick masonry / stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100 mm (One Hundred) dia AC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 (Clause - Six hundred Fourteen, Seven hundred Nine, One thousand Two hundred Four point Three point Seven)),including hauling /carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge	95.40	Per Cubic Metre.	4717.20	Rupees four thousand seven hundred seventeen and paise twenty only.		7028.00
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in granular material and as per direction of the Engineer-in Charge, including carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction of the Engineer-in-Charge.	26.000	Each	270.30	Rupees. Two Hundred seventy and paise thirty only.		15011.00
		20.34	Per Cubic Metre.	738.00	Rupees seven Hundred thirty eight and paise zero Only.		482361.00


 Executive Engineer
 K. Sarahan Division
 HP, PWD, Sarahan

SCHEDULE OF QUANTITY

Name of work:- R/R Damages on Kanyon Shirla Anji (SH:- C/O R/Wall of wire crate at RD 2/434 to 2/454) Height :- 5 mtr

Estimated cost:- Rs. 4,95,248/-
Earnest money:- Rs. 10,000/-
Time Limit:- one Months.

Sr. No	Description Items of work	Qty.	Unit	Rate		Amount
				in figures.	in words	
1	2	3	4	5	6	7
1	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 (Clause Three Hundred Five point One) including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	58.80	Per Cubic Metre.	194.00	Rupees one hundred ninety four and paise zero only. ✓	11407.00
2	Providing and laying of boulder apron laid in wire creates with 4mm dia GI wire conforming to IS:280 and IS:4826 in 100mm x 100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specification clause 1301 as per drawing and HP PWD technical specifications in carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	166.25	Per Cubic Metre.	2846.40	Rupees Two thousand Eight hundred fourty six and paise fourty only. ✓	473214.00
3	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in granular material and as per direction of the Engineer-in Charge, including carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction of the Engineer-in-Charge.	14.40	Per Cubic Metre.	738.00	Rupees seven Hundred thirty eight and paise zero Only. ✓	10627.00
						495248.00


Executive Engineer
Sarahan Division
HP, PWD, Sarahan

SCHEDULE OF QUANTITY

Name of work:- -C/O Link Road to village Gandal km 0/0 to 7/00 (SH:- Improvement of curve at various RD,s 2/590 to 2/685 5/320 to 5/443(MNP)

Estimated cost:-Rs.4,51,440/-

Earnest money:- Rs. 9500/-

Time Limit:- one Months.

Sr. No	Description Items of work	Qty.	Unit	Rate		Amount
				in figures.	in words	
1	2	3	4	5	6	7
1	Excavation in earth work in hilly area in all heights and depths in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side,water pollution, etcetra and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). and there intermediate classification of soil including,dewatering wherever required,setting out to required lines, levels as shown on the drawing and directed by the Engineer-in-Charge at site . according to the HPPWD. specification and sorting out useful and un-useful material and transportation of the un-useful material for disposing at approved dumping site or otherwise and including payment of prescribed charges of dumping to the owner of dumping site (to be arranged by the contractor) as per satisfaction of Engineer -in-Charge through all modes of transportation including head load, animal load or mechanical means along with its leveling fine dressing and with all kinds of labour, machineries, tools, equipment and safety measures to complete the work (if required) any loss to the public and private property during the course of execution and					
2	Pick Work					
3	Jamper Work	Cum	211.21	159.00	Rupees one hundred fifty nine and paise nil only.	33582.00
		Cum	211.21	159.00	Rupees one hundred fifty nine and paise nil only	33582.00
	Blastic work	Cum	1689.69	263.80	Rupees two hundred sixty three and paise eighty only	445740.00
	Recovery for usefull stones, =JW =211.21/10= BW=1689.69 m3/6=302.73m3@Rs.170/-	Cum	302.73	170.00		461440.00

Executive Engineer
Sarahan Division
HP, PWD, Sarahan

SCHEDULE OF QUANTITY

Name of work:- R/R Damages on Lawassa chowki Preet Nagar road km 0/0 to 42/00 (SH:- C/O PCC R/Wall at RD 2/740 to 2/750 Height 2.44 mm

Estimated cost:- Rs.135515/-

Earnest money:- Rs. 3000/-

Time Limit:- One Months.

Sr. No	Description Items of work	Qty.	Unit	in figures.	Rate		Amount
					in words	in figures.	
1	2	3	4	5	6	7	
1	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 (Clause Three Hundred Five point One) including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	6.44	Per Cubic Metre.	194.00	Rupees one hundred ninety four and paise zero only. ✓	1249.00	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications C- 802, 803, 1202 & 1203 (Clause - Eight hundred Two, Eight hundred Three, One thousand Two hundred Two and One thousand Two hundred Three) 1:4:8. (One Cement : Four Sand : Eight graded stone) aggregate 25 mm nominal size and curing complete including the cost of form work and carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	26.22	Per Cubic Metre.	4717.20	Rupees four thousand seven hundred seventeen and paise twenty only. ✓	123685.00	
3	Providing weapholes in brick masonry / stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100 mm (One Hundred) dia AC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 (Clause - Six hundred Fourteen, Seven hundred Nine, One thousand Two hundred Four point Three point Seven) ,including hauling /carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge	9.000	Each	270.30	Rupees. Two Hundred seventy and paise thirty only. ✓	2433.00	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in granular material and as per direction of the Engineer-in Charge, including carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction of the Engineer-in-Charge.	11.04	Per Cubic Metre.	738.00	Rupees seven Hundred thirty eight and paise zero Only. ✓	8148.00	
							135515.00

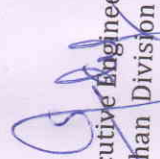
Executive Engineer
K. Sarahan Division
HP, PWD, Sarahan

SCHEDULE OF QUANTITY

Name of work:- C/O Naina Tikker Chadyar road km. 0/0 to 2/300 (SH:- ROFD in km RD 0/420 to 0/495)SCSP

Estimated cost:-Rs.482400/-
Earnest money:- Rs. 10000/-
Time Limit:- One Months.

Sr. No	Description Items of work	Qty.	Unit	Rate		Amount
				in figures.	in words	
1	2 Excavation in earth work in hilly area in all heights and depths in all kind of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, water pollution, etcetra and to protect stability of hill side rock shall be excavated with chiseling and wedging out rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried, out true to lines, grades, side slopes, width, camber super-elevation and level as shown on the drawings or as directed by the Engineer-in-Charge, in conformit with the requirement of technical specification for Rural Road. clause 1603.1 and 1603.2 of General conditions for contract to achieve designed formation width including hauling and safe disposal of unsuitable cut materials upto all lead and lifts in specified manner i/c arrangement of dumping site trimming, filling of unevenness, blindage and finishing of the road to specified dimensions or as directed by the Engineer -in -Charge for smooth riding. The recovery for stones, whether useful or not, for 297.27 cum (two hundred ninety seven point twenty seven) in all cases, @ rupees 170/- only (Rupees one	3	4	5	6	7
2	Jamper work	Cum	1729.032	279.00	Rupees two hundred seventy nine and paise nil only	482400.00
	Recovery for usefull stones, =1729.032 m ³ /6=86.45m ³ @Rs.170/-	Cum	86.45	170.00	Rupees one hundred seventy and paise nil only	
						482400.00


Executive Engineer
Sarhan Division
HP, PWD, Sarhan

SCHEDULE OF QUANTITY

Name of work:- --A/R&M/O Residential Accomodation at PWD Colony Sarahan(SH):- Providing tiles work ,wood work Plastering, Distemprring, Painting work and Replacing old and damaged W/S and S/I Fixtures in Type -II Qtr (in Block A Qtr No.1).

Estimated cost:-Rs.4,99,622/-

Earnest money:- Rs. 10000/-

Time Limit:- One Months.

Sr. No	Description Items of work	Qty.	Unit	in figures.	Rate		Amount
					in words		
1	2	3	4	5	6		7
1	Providing and laying upto all floor levels cement concrete work 1:1½:3 (1 cement : 1½ sand : 3 graded stone aggregate 20mm nominal size) to give smooth and even surface including centring and shuttering but excluding cost of reinforcement and curing complete mechanical mixed and vibrated for compacting reinforced concrete upto floor all level including carriage of materials in all leads and lifts:- Moulding as in cornices, window sills etc. exceeding 15cm in girth. including carriage of all labour equipments and materials to various location through all modes of transportation within all leads, lifts and other incidental charges. Moulding as in cornices window sills etc. not exceeding 15cm in girth.	1.14	Per cubic metre	11986.55	Rupees eleven thousand nine hundred eighty six and paise fifty five only		13665.00
2	Half brick masonry 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. including carriage of all labour equipments and materials to various location through all modes of transportation within all leads, lifts and other incidental charges.cement mortar 1:4 (1 cement : 4 coarse sand)	1.93	Per square metre	1069.70	Rupees one thousand sixty nine and paise seventy only		2065.00
3	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete :20 mm dia	26.10	Per Rmt	386.10	Rupees 414 hundred eighty six and paise ten only		10077.00
4	Providing and fixing wire gauge shutters using galvanised M.S. gauge of I.S gauge designation G. with wire of dia 0.56 mm for doors windows and clerestory window including bright finished black enamelled iron hinges with necessary screw. 2nd class deodar wood.	2.36	Per square metre	3355.00	Rupees three thousand three hundred fifty five and paise nil only		7918.00
5	Providing and fixing 19 mm thick BWP grade water proof termite resistant commercial board in shape of box in cup boards. Including hard wood edging/lipping on the cut portions of the boards with butt joints fixed with nails and screws etc. complete.	3.43	Per square metre	1436.75	Rupees one thousand four hundred thirty six and paise seventy five only		4928.00
6	Providing and fixing 1st quality white /coloured ceramic glazed wall tiles 30x45cm confirming 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 thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	15.33	Per square metre	1545.00	Rupees one thousand five hundred forty five and paise nil only		23685.00
7	Providing and laying full body vetrified Glazed ceramic floor tiles grade (V) non slippery of size 300 X 300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622, of approved make in all colour ,shades, laid on 20mm thick cement motar 1:4 (1 cement : 4 coarse sand) jointing with gray cement slurry @3.3 kg/ sqm including pointing the jointing with white cement and matching pigments etc. complete.	39.72	Per square metre	1894.00	Rupees one thousand eight hundred ninety four and paise nil only		75230.00

8	Providing and laying polished granite stone flooring in required design and patterns in linear as well as curvilinear portions of the building all complete as per the architectural drawing with 18 mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing curving and polishing etc. all complete as specified and as directed by the Engineer -in charge . polished granite stone slab jet black, cheery, red, elite brown ,cat eye or equipment.	2.12	Per square metre	3329.00	Rupees three thousand three hundred twenty nine and paise nil only	7057.00
9	Providing and fixing 12 mm thick phenol bonded both side prelaminated board/both side laminated 12 mm thick MDF board Door shutter of 1st class deodar wood with 40mm thick frame including nickle plated bright finished piano hinges with screws etc. complete as per approved design and shade.	3.25	Per square metre	4889.00	Rupees four thousand eight hundred eighty nine and paise nil only	15889.00
10	Providing and fixing 40mm thick panelled, panelled and glazed shutters for doors, windows, clerestory windows using 2nd class deodar wood and DGU of 21 mm thick with reflective glass in glazed shutters and fixed glass portion including bright finished M.S butt hinges of required size with necessary screws etc. complete.	1.94	Per square metre	4813.00	Rupees four thousand eight hundred thirteen and paise nil only	9337.00
11	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter sand papering and knotting including carriage of materials within all leads and lifts :With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	5.19	Per square metre	55.30	Rupees fifty five and paise thirty only	287.00
12	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paints to give an even shade including cleaning the surface of all dirt, dust and other foreign matter, sand papering and stopping with white enamel paint other than white as per HP.PWD. specification 1990-Volume-I, including carriage of all labour, equipment and materials to various location though all modes of transportation in all leads, lifts and other incidental charges.	5.19	Per square metre	102.35	Rupees one hundred two and paise thirty five only	531.00
13	15 mm cement plaster in single coat on the fair side of brick/concrete/stone walls for interior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 30cm in girth and finished even and sand opared smooth including carriage of materials within all leads and lifts.1:6 (1 cement: 6 fine sand) Fair Side.	11.86	Per square metre	232.05	Rupees two hundred thirty two and paise fifty five only	2752.00
14	Providing and applying Birla White or its equivalent wall care putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	11.86	Per square metre	78.90	Rupees seventy eight and paise ninety only	936.00
15	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 priming coat with cement primer.	54.04	Per square metre	77.50	Rupees seventy seven and paise fifty only	4188.00
16	Distempering with Synthetic Acrylic washable distemper of approved brand and manufacture to give an even shade new work (two or more coats) over and including including priming coat of cement primer after thoroughly brushing the surface free from motar droppings and other foreign matter including preparing the surface even and prepared smooth.	13.48	Per square metre	84.50	Rupees eighty four and paise fifty only	1139.00
17	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 Cement : 3 Sand : 6 Graded stone aggregated 20mm nominal size)	47.25	Per square metre	281.00	Rupees two hundred eighty one and paise nil only	13277.00

18	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches for drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and raming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.								
	All kinds of soil								
19	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.	30.85	Cum		357.80		Rupees three hundred fifty seven and paise eighty only		11038.00
	Concealed work, including cutting chases and making good the walls etc 1216 mm (16 mm nominal outer dia Pipe)	25.00	Rmt		269.00		Rupees two hundred sixty nine and paise nil only		6725.00
	20 mm nominal bore :-	20.00	Rmt		361.95		Rupees three hundred sixty one and paise ninety five only		7239.00
20	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :including carriage of materials within all leads and lifts.								
	15 mm dia nominal bore	30.00	Rmt		431.25		Rupees four hundred thirty one and paise twenty five only		12938.00
	20mm nominal bore :-	40.00	Rmt		571.80		Rupees five hundred seventy one and paise eighty only		22872.00
	20mm nominal bore :-	2.00	Nos		539.30		Rupees five hundred thirty nine and paise thirty only		1079.00
21	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement of various capacity and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of materials within all leads and lifts.								
	1000 litres net capacity								
22	Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design :including carriage of materials within all leads and lifts.	1.00	Ltr		12261.00		Rupees twelve thousand two hundred sixty ch and paise nil only		12261.00

With common burnt clay P.P.S. (non modular) bricks of class designation 7.5

		5.00 Nos		1747.95	Rupees one thousand seven hundred forty seven and paise ninety five only	8740.00
23	Providing and fixing Polyethelene-Aluminium-Polyethelene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & 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 & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge.including carriage of materials within all leads and lifts.					
	INTERNAL WORK - EXPOSED ON WALL					
	1216 mm (16 mm O.D. pipe) INTERNAL WORK - EXPOSED ON WALL					
	1620 mm (20 mm OD pipe).	30.00	Mtr.	284.80	Rupees two hundred eighty four and paise eighty only	8544.00
		20.00	Mtr.	352.00	Rupees three hundred fifty two and paise nil only	7040.00
24	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc.including carriage of materials within all leads and lifts.					
	150 mm dia					
	110 mm dia	20.00	Mtr	600.25	Rupees six hundred and paise twenty five only	12005.00
25	Providing and fixing PVC single equal branch with oval access door , ISI marked insertion rubber washer 3 mm thick bolts and nuts complete including fixing with approved adhesive etc. complete.including carriage of materials within all leads and lifts :-	30.00	Mtr	301.50	Rupees three hundred one and paise fifty only	9045.00
	150 mm dia					
	110 mm dia	2.00	No	453.80	Rupees four hundred fifty three and paise eighty only	908.00
26	Providing and fixing PVC door bend with oval acces door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts :-	2.00	No	311.55	Rupees three hundred eleven and paise fifty five only	623.00
	150 mm dia					
		5.00	No	344.30	Rupees three hundred forty four and paise thirty only	1722.00

	110 mm dia					Rupees two hundred eighty seven and paise thirty five only	287.35	1437.00
27	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete.including carriage of materials within all leads and lifts :- 150 mm dia	5.00 No						
	110 mm dia	8.00 No				Rupees two hundred ninety four and paise fifty only	294.50	2356.00
		10.00 No				Rupees two hundred fifty one and paise eighty only	251.80	2518.00
28	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete.including carriage of materials within all leads and lifts :- 150 mm dia							
	110 mm dia	8.00 No				Rupees three hundred eighty six and paise ninety five only	386.95	3096.00
		12.00 No				Rupees two hundred forty four and paise seventy only	244.70	2936.00
29	Providing and fixing PVC clamps ISI marked of approved design with steel screws and rawal plugs etc. complete.including carriage of materials within all leads and lifts :- 150 mm dia							
	110 mm dia	12.00 No				Rupees one hundred thirty three and paise seventy five only	133.75	1605.00
		12.00 No				Rupees eighty three and paise ninety five only	83.95	1007.00
30	Providing and fixing PVC floor traps ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete.including carriage of materials within all leads and lifts :- 110 mm x 90 mm							
31	Providing and fixing PVC cowl including carriage of materials within all leads and lifts :- 150 mm dia.	10.00 No				Rupees three hundred seventy one and paise nil only	371.00	3710.00
	110 mm dia.	2.00 No				Rupees three hundred thirty seven and paise fifteen only	337.15	674.00
32	Providing and fixing PVC double equal branch with oval acces door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts :-	2.00 No				Rupees three hundred eight and paise seventy only	308.70	617.00

	150 mm dia								
	110 mm dia		2.00	No		529.20	Rupees five hundred twenty nine and paise twenty only		1058.00
33	Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete.including carriage of materials within all leads and lifts :- 150 mm x 110 mm dia		2.00	No		458.10	Rupees four hundred fifty eight and paise ten only		916.00
	110 mm x 90 mm dia		2.00	No		351.40	Rupees three hundred fifty one and paise forty only		703.00
				No		273.15	Rupees two hundred seventy three and paise fifteen only		546.00
34	Cutting Chase in stone / brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : 100 mm dia.		2.00						
			10.00	Rmt		523.15	Rupees five hundred twenty three and paise fifteen only		5232.00
35	Providing and fixing white vitreous china (European type/ wash down type) water closet pan with integral "P" or "S" trap.including carriage of materials within all leads and lifts :- European type WC seat No. 3128 of CAMELIA of CERA / HINDWARE		1.00	Nos		3477.50	Rupees three thousand four hundred seventy seven and paise fifty only		3478.00
36	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.10 litre capacity - White		1.00	Nos		1978.15	Rupees one thousand nine hundred seventy eight and paise fifteen only		1978.00
37	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: Flat back :- White Vitreous China Wash basin of Cera No.1008 of size 550x400 mm with a pair of 15 mm C.P. brass pillar taps								
			1.00	Nos.		2385.20	Rupees two thousand three hundred eighty five and paise twenty only		2385.00
38	Providing and fixing Stainless Steel Kitchen sink with C.I. brackets and stainless steel plug 40 mm,of approved standard including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink with drain board including carriage of materials within all leads and lifts :-								

	Kitchen sink No. KCG-1012 of Cera of size 810x450 mm with drain board.	1.00 Nos	5712.70	Rupees five thousand seven hundred thirty two and paise seventy only	5733.00
39	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings including carriage of materials within all leads and lifts :-			Rupees one thousand eight hundred sixty five and paise seventy five only	1866.00
40	Providing and fixing C.P. brass waste (heavy duty ISI marked IS:8931 & 8934) for wash basin or sink including carriage of materials within all leads and lifts :-	1.00 Nos.	1865.75	Rupees three hundred twenty and paise ten only	640.00
41	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.	2.00 Nos.	320.10		
	32 mm dia Flexible pipe				
42	Providing and fixing 100 mm CP grating for Nahani / gully / Floor trap including carriage of materials within all leads and lifts .	2.00 Nos	177.85	Rupees one hundred seventy seven and paise eighty five only	356.00
43	Providing and fixing 600mmx450mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P.brass screws and washers complete.	2.00 Nos	182.55	Rupees one hundred eighty two and paise fifty five only	355.00
44	Providing and fixing C.P. brass towel rail (heavy duty ISI marked IS:8931 & 8934) complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :-	2.00 Nos	1512.20	Rupees one thousand five hundred twelve and paise twenty only	3024.00
	600 X 20 mm				
45	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc.,complete.	1.00 Nos	861.75	Rupees eight hundred sixty one and paise seventy five only	862.00
46	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts :-	1.00 Nos	1099.75	Rupees one thousand ninety nine and paise seventy five only	1100.00
47	Providing and fixing CP Brass toilet paper holder :	1.00 Nos	446.05	Rupees four hundred forty six and paise five only	446.00
48	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :	4.00 Nos	747.55	Rupees seven hundred forty seven and paise fifty five only	2990.00
	15mm dia :-				
49	Providing and fixing CP brass wash Basin mixer pillar tap of jaquar with capstan head (heavy duty ISI marked IS:8931 & 8934) including carriage of materials within all leads and lifts :-	5.00 Nos	886.50	Rupees eight hundred eighty six and paise fifty only	4433.00

15mm dia :-		1.00 Nos	562.00	Rupees five thousand six hundred twenty five and paise nil only	5625.00
50	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm dia :-				
51	Providing and fixing uplasticized PVC connection pipe with brass unions : 45cms length :- 15mm nominal bore :-	10.00 Nos	921.35	Rupees nine hundred twenty one and paise thirty five only	9214.00
52	Providing and fixing CP brass bottle trap for wash basin and sink (32 MM dia)	10.00 Nos	166.50	Rupees one hundred sixty six and paise fifty only	1665.00
53	Providing and fixing 15 mm nominal bore mixture for kitchen sink including carriage of materials within all leads and lifts :-	1.00 Nos 1.00 Nos	910.50 1863.65	Rupees nine hundred ten and paise fifty only Rupees one thousand eight hundred sixty three and paise sixty five only	911.00 1864.00
54	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 including carriage of materials within all leads and lifts :-	1.00 Nos	529.80	Rupees five hundred twenty nine and paise eighty only	530.00
55	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W./ PVC pipes (150 MM DIA) including bed concrete as per standard design including carriage of materials within all leads and lifts :-	35.00 Mtr	741.85	Rupees seven hundred forty one and paise eighty five only	25965.00
56	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :including carriage of materials within all leads and lifts :-				
	Inside size 90x80 cm and 45 cm deep including Precast RCC Cemocrate or equivalent cover with frame (heavy duty) of size 455x610 mm internal dimensions, With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Precast RCC Cemocrate or equivalent (Heavy Grade) cover with frame forgully trape (Standard Pattern):				
	Inside size 120x90 cm and 90 cm deep including Precast RCC Cemocrate or equivalent cover with frame (heavy duty) of size 455x610 mm internal dimensions,	2.00 Nos.	12116.85	Rupees twelve thousand one hundred sixteen and paise eighty five only	24234.00

	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	2.00 Nos.			Rupees twenty thousand six hundred twenty and paise twenty only	41240.00
57	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality including carriage of materials within all leads and lifts :- LD- 2.5 Rectangular shape 610x455 mm internal dimensions.				20620.20	
58						
57	Supplying and Fixing 300x300 mm Precast RCC Cementate or equivalent (Heavy Grade) cover with frame for gully trap (Standard Pattern): including carriage of materials within all leads and lifts :-	2.00 Nos		2139.20	Rupees two thousand one hundred thirty nine and paise twenty only	4278.00
59	Cutting holes up to 30x30 cm in walls including making good the same: With common burnt clay F.P.S. (non modular) bricks	5.00 Nos		823.05	Rupees eight hundred twenty three and paise five only	4115.00
60	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	10.00 No		314.35	Rupees three hundred fourteen and paise thirty five only	3144.00
	Total	10.00 No		303.00	Rupees three hundred three and paise nil only	3030.00
						499622.00


 Executive Engineer
 K. Sarahan Division
 HP, PWD, Sarahan

SCHEDULE OF QUANTITY

Name of work: --A/R & M/O Residential Accomodation at PWD Colony Sarahan(SH):- Providing tiles work,wood work Plastering, Distemping, Painting work and Replacing old and damaged W/S and S/I Fixtures in Type -II Qtr (in Block B Qtr No.2).

Estimated cost:-Rs.4,99,622/-

Earnest money:- Rs. 10000/-

Time Limit:- One Months.

Sr. No	Description Items of work	Qty.	Unit	in figures.	Rate		Amount
					in words		
1	2	3	4	5	6	7	
1	Providing and laying upto all floor levels cement concrete work 1:1½:3 (1 cement : 1½ sand : 3 graded stone aggregate 20mm nominal size) to give smooth and even surface including centring and shuttering but excluding cost of reinforcement and curing complete mechanical mixed and vibrated for compacting reinforced concrete upto floor all level including carriage of materials in all leads and lifts:-Moulding as in cornices, window sills etc. exceeding 15cm in girth. including carriage of all labour equipments and materials to various location through all modes of transportation within all leads, lifts and other incidental charges. Moulding as in cornices window sills etc. not exceeding 15cm in girth.	1.14	Per cubic metre	11986.55	Rupees eleven thousand nine hundred eighty six and paise fifty five only.	7	13665.00
2	Half brick masonry 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. including carriage of all labour equipments and materials to various location through all modes of transportation within all leads, lifts and other incidental charges.cement mortar 1:4 (1 cement : 4 coarse sand)	1.93	Per square metre	1069.70	Rupees one thousand sixty nine and paise seventy only.		2065.00
3	Providing and fixing curtain rods of 1.25 mm thick chromium plated brass plate, with two chromium plated brass brackets fixed with C.P. brass screws and wooden plugs, etc., wherever necessary complete :20 mm dia	26.10	Per Rmt	386.10	Rupees three hundred eighty six and paise ten only		10077.00
4	Providing and fixing wire gauge shutters using galvanised M.S. gauge of I.S gauge designation G. with wire of dia 0.56 mm for doors windows and clerestory window including bright finished black enamelled iron hinges with necessary screw. 2nd class deodar wood.	2.36	Per square metre	3355.00	Rupees three thousand three hundred fifty five and paise nil only		7918.00
5	Providing and fixing 19 mm thick BWP grade water proof termite resistant commercial board in shape of box in cup boards. Including hard wood edging/lipping on the cut portions of the boards with butt joints fixed with nails and screws etc. complete.	3.43	Per square metre	1436.75	Rupees one thousand four hundred thirty six and paise seventy five only.		4928.00
6	Providing and fixing 1st quality white /coloured ceramic glazed wall tiles 30x45cm confirming 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 thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	15.33	Per square metre	1545.00	Rupees one thousand five hundred forty five and paise nil only.		23685.00
7	Providing and laying full body vetrified Glazed ceramic floor tiles grade (V) non slippery of size 300 X 300 mm or more (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622, of approved make in all colour ,shades, laid on 20mm thick cement motar 1:4 (1 cement : 4 coarse sand) jointing with gray cement slurry @3.3 kg/ sqm including pointing the jointing with white cement and matching pigments etc. complete.	39.72	Per square metre	1894.00	Rupees one thousand eight hundred ninety four and paise nil only.		75230.00

	Providing and laying polished Granite stone flooring in required design and pattern in linear as well as curvilinear portions of the building all complete as per the architectural drawing with 18 mm thick stone slab over 20mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing curring and polishing etc. all complete as specified and as directed by the Engineer -in charge. polished granite stone slab jet black, cheery, red, elite brown, cat eye or equipment.	2.12	Per square metre	3329.00	Rupees three thousand three hundred twenty nine 1 and paise nil only ✓	7057.00
9	Providing and fixing 12 mm thick phenol bonded both side prelaminated board/both side laminated 12 mm thick MDF board Door shutter of 1st class deodar wood with 40mm thick frame including nickle plated bright finished piano hinges with screws etc. complete as per approved design and shade.	3.25	Per square metre	4889.00	Rupees four thousand eight hundred eighty nine 1 and paise nil only ✓	15889.00
10	Providing and fixing 40mm thick panelled, panelled and glazed shutters for doors, windows, clerestory windows using 2nd class deodar wood and DGU of 21 mm thick with reflective glass in glazed shutters and fixed glass portion including bright finished M.S butt hinges of required size with necessary screws etc. complete.	1.94	Per square metre	4813.00	Rupees four thousand eight hundred thirteen 1 and paise nil only ✓	9337.00
11	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter sand papering and knotting including carriage of materials within all leads and lifts :With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	5.19	Per square metre	55.30	Rupees fifty five and paise thirty only, ✓	287.00
12	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paints to give an even shade including cleaning the surface of all dirt, dust and other foreign matter, sand papering and stopping with white enamel paint other than white as per HP.PWD. specification 1990-Volume-I, including carriage of all labour, equipment and materials to various location though all modes of transportation in all leads, lifts and other incidental charges.	5.19	Per square metre	102.35	Rupees one hundred two and paise thirty five only, ✓	531.00
13	15 mm cement plaster in single coat on the fair side of brick/concrete/stone walls for interior plastering upto all floor level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 30cm in girth and finished even and sand opapered smooth including carriage of materials within all leads and lifts. 1:6 (1 cement: 6 fine sand) Fair Side.	11.86	Per square metre	232.05	Rupees two hundred thirty two and paise five only ✓	2752.00
4	Providing and applying Birla White or its equivalent wall care putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete	11.86	Per square metre	78.90	Rupees seventy eight and paise ninety only, ✓	936.00
5	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 priming coat with cement primer.	54.04	Per square metre	77.50	Rupees seventy seven and paise fifty only ✓	4188.00
6	Distempering with Synthetic Acrylic washable distemper of approved brand and manufacture to give an even shade new work (two or more coats) over and including including priming coat of cement primer after thoroughly brushing the surface free from motar droppings and other foreign matter including preparing the surface even and prepared smooth.	13.48	Per square metre	84.50	Rupees eighty four and paise fifty only ✓	1139.00
7	Providing plinth protection 50mm thick in cement concrete 1:3:6 (1 Cement : 3 Sand : 6 Graded stone aggregated 20mm nominal size)	47.25	Per square metre	281.00	Rupees two hundred eighty one and paise nil only ✓	13277.00

Earth work excavation by mechanical means (hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.					
All kinds of soil	30.85 Cum	357.80	Rupees three hundred fifty seven and paise eighty only. ✓		11038.00 ✓
19 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge.					
Concealed work, including cutting chases and making good the walls etc 1216 mm (16 mm nominal outer dia Pipe)	25.00 Rmt	269.00	Rupees two hundred sixty nine and paise nil only. ✓		6725.00 ✓
20 mm nominal bore :-	20.00 Rmt	361.95	Rupees three hundred sixty one and paise ninety five only. ✓		7239.00 ✓
20 Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :including carriage of materials within all leads and lifts.					
15 mm dia nominal bore	30.00 Rmt	431.25	Rupees four hundred thirty one and paise twenty five only. ✓		12938.00 ✓
20mm nominal bore :-	40.00 Rmt	571.80	Rupees five hundred seventy one and paise eighty only. ✓		22872.00 ✓
20mm nominal bore :-	2.00 Nos	539.30	Rupees five hundred thirty nine and paise thirty only. ✓		1079.00 ✓
21 Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement of various capacity and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. including carriage of materials within all leads and lifts.					
1000 litres net capacity					
22 Constructing masonry Chamber 30x30x50 cm inside, in brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 124 mm (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1:3 (1cement : 3 coarse sand) 12mm thick, finished with a floating coat of neat cement complete as per standard design :including carriage of materials within all leads and lifts.	1.00 Ltr	12261.00	Rupees twelve thousand two hundred sixty one and paise nil only ✓		12261.00 ✓

With common burnt clay F.P.S. (non modular) bricks of class designation 7.5

23	Providing and fixing Polyethylene-Aluminium-Polyethylene PE-AL- PE Composite Pressure Pipes conforming to IS - 15450, U.V. stabilized with carbon black having thermal stability for hot & 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 & connectors etc., with clamps at 1.00 metre spacing. This includes testing of joints complete as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts.	5.00 Nos	1747.95	Rupees one thousand seven hundred forty seven and paise ninety five only ✓	8740.00 ✓
INTERNAL WORK - EXPOSED ON WALL					
	1216 mm (16 mm O.D. pipe) INTERNAL WORK - EXPOSED ON WALL				
	1620 mm (20 mm OD pipe).	30.00	Mtr.	284.80	Rupees two hundred eighty four and paise eighty only. ✓
		20.00	Mtr.	352.00	Rupees three hundred fifty two and paise nil only ✓
24	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fitting with approved adhesive etc. including carriage of materials within all leads and lifts.				7040.00 ✓
	150 mm dia				
	110 mm dia	20.00	Mtr	600.25	Rupees six hundred and paise twenty five only. ✓
		30.00	Mtr	301.50	Rupees three hundred one and paise fifty only. ✓
25	Providing and fixing PVC single equal branch with oval access door , ISI marked insertion rubber washer 3 mm thick bolts and nuts complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts :-				
	150 mm dia				
	110 mm dia	2.00	No	453.80	Rupees four hundred fifty three and paise eighty only ✓
		2.00	No	311.55	Rupees three hundred eleven and paise fifty five only ✓
26	Providing and fixing PVC door bend with oval access door, insertion rubber washer 3 mm thick bolts and nuts ISI marked complete including fixing with approved adhesive etc. complete including carriage of materials within all leads and lifts :-				
	150 mm dia	5.00	No	344.30	Rupees three hundred forty four and paise thirty only ✓
					1722.00 ✓

100 mm dia		2.00	No			Rupees five hundred twenty nine and paise twenty only ✓	1058.00 ✓
110 mm dia		2.00	No			Rupees four hundred fifty eight and paise ten only ✓	916.00 ✓
33 Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials within all leads and lifts :- 150 mm x 110 mm dia		2.00	No				
110 mm x 90 mm dia		2.00	No		351.40	Rupees three hundred fifty one and paise forty only ✓	703.00 ✓
		2.00	No		273.15	Rupees two hundred seventy three and paise fifteen only ✓	546.00 ✓
34 Cutting Chase in stone / brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand :6 graded stone aggregate 12.5 mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand) : 100 mm dia.		10.00	Rmt		523.15	Rupees five hundred twenty three and paise fifteen only ✓	5232.00 ✓
35 Providing and fixing white vitreous china (European type/ wash down type) water closet pan with integral "P" or "S" trap including carriage of materials within all leads and lifts :- European type WC seat No. 3128 of CAMELIA of CERA / HINDWARE		1.00	Nos		3477.50	Rupees three thousand four hundred seventy seven and paise fifty only ✓	3478.00 ✓
36 Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7211, with all fittings and fixtures complete. 10 litre capacity - White		1.00	Nos		1978.15	Rupees one thousand nine hundred seventy eight and paise fifteen only ✓	1978.00 ✓
37 Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: Flat back White Vitreous China Wash basin of Cera No.1008 of size 550x400 mm with a pair of 15 mm C.P. brass pillar taps		1.00	Nos.		2385.20	Rupees two thousand three hundred eighty five and paise twenty only ✓	2385.00 ✓
38 Providing and fixing Stainless Steel Kitchen sink with C.I. brackets and stainless steel plug 40 mm, of approved standard including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink with drain board including carriage of materials within all leads and lifts :-							

kitchen sink No. KCG 101 of size 810x450 mm with drain board.				1.00 Nos	5732.70	Rupees five thousand seven hundred thirty two and paise seventy only ✓	5733.00 ✓
39	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings including carriage of materials within all leads and lifts :-					Rupees one thousand eight hundred sixty five and paise seventy five only ✓	1866.00 ✓
40	Providing and fixing C.P. brass waste (heavy duty ISI marked IS:8931 & 8934) for wash basin or sink including carriage of materials within all leads and lifts :-			1.00 Nos.	1865.75	Rupees three hundred twenty and paise ten only ✓	640.00 ✓
41	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.			2.00 Nos.	320.10		
	32 mm dia Flexible pipe						
42	Providing and fixing 100 mm CP grating for Nahani / gully / Floor trap including carriage of materials within all leads and lifts .			2.00 Nos	177.85	Rupees one hundred seventy seven and paise eighty five only	356.00 ✓
43	Providing and fixing 600mmx450mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P.brass screws and washers complete.			2.00 Nos	182.55	Rupees one hundred eighty two and paise fifty five only	365.00 ✓
44	Providing and fixing C.P. brass towel rail (heavy duty ISI marked IS:8931 & 8934) complete with C.P. brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials within all leads and lifts :-			2.00 Nos	1512.20	Rupees one thousand five hundred twelve and paise twenty only	3024.00 ✓
	600 X 20 mm						
45	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.			1.00 Nos	861.75	Rupees eight hundred sixty one and paise seventy five only	862.00 ✓
46	Providing and fixing chromium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts :-			1.00 Nos	1099.75	Rupees one thousand ninety nine and paise seventy five only	1100.00 ✓
47	Providing and fixing CP Brass toilet paper holder :			1.00 Nos	446.05	Rupees four hundred forty six and paise five only	446.00 ✓
48	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :			4.00 Nos	747.55	Rupees seven hundred forty seven and paise fifty five only	2990.00 ✓
	15mm dia :-						
49	Providing and fixing CP brass wash Basin mixer pillar tap of jaquar with capstan head (heavy duty ISI marked IS:8931 & 8934) including carriage of materials within all leads and lifts :-			5.00 Nos	886.50	Rupees eight hundred eighty six and paise fifty only	4433.00 ✓

15mm dia :-		1.00 Nos		5625.00	Rupees five thousand six hundred twenty five and paise nil only	5625.00
50 Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931						5625.00
15mm dia :-						
51 Providing and fixing uplasticized PVC connection pipe with brass unions : 45cms length :- 15mm nominal bore :-		10.00 Nos		921.35	Rupees nine hundred twenty one and paise thirty five only	9214.00
52 Providing and fixing CP brass bottle trap for wash basin and sink (32 MM dia)		10.00 Nos		166.50	Rupees one hundred sixty six and paise fifty only	1665.00
53 Providing and fixing 15 mm nominal bore mixture for kitchen sink including carriage of materials within all leads and lifts :-		1.00 Nos		910.50	Rupees nine hundred ten and paise fifty only	911.00
54 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 including carriage of materials within all leads and lifts :-		1.00 Nos		1863.65	Rupees one thousand eight hundred sixty three and paise sixty five only	1864.00
55 Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W./ PVC pipes (150 MM DIA) including bed concrete as per standard design :including carriage of materials within all leads and lifts :-		1.00 Nos		529.80	Rupees five hundred twenty nine and paise eighty only	530.00
56 Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone- III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :including carriage of materials within all leads and lifts :-		35.00 Mtr		741.85	Rupees seven hundred forty one and paise eighty five only	25965.00
Inside size 90x80 cm and 45 cm deep including Precast RCC Cemocrate or equivalent cover with frame (heavy duty) of size 455x610 mm internal dimensions, With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 Precast RCC Cemocrate or equivalent (Heavy Grade) cover with frame forgully trape (Standard Pattern):						
Inside size 120x90 cm and 90 cm deep including Precast RCC Cemocrate or equivalent cover with frame (heavy duty) of size 455x610 mm internal dimensions,		2.00 Nos.		12116.85	Rupees twelve thousand one hundred sixteen and paise eighty five only	24234.00

With common burnt clay F.P.S. (non modular) bricks of class designation 7.5					
		2.00 Nos.			Rupees twenty thousand six hundred twenty and paise twenty only ✓
57	Providing and fixing in position pre-cast R.C.C. manhole cover and frame of required shape and approved quality including carriage of materials within all leads and lifts :-			20620.20	41240.00 ✓
58	LD- 2.5 Rectangular shape 610x455 mm internal dimensions.				
57	Supplying and Fixing 300x300 mm Precast RCC Cementate or equivalent (Heavy Grade) cover with frame for gully trap (Standard Pattern): including carriage of materials within all leads and lifts :-	2.00 Nos		2139.20	Rupees two thousand one hundred thirty nine and paise twenty only ✓ 4278.00 ✓
59	Cutting holes up to 30x30 cm in walls including making good the same: With common burnt clay F.P.S. (non modular) bricks	5.00 Nos		823.05	Rupees eight hundred twenty three and paise five only ✓ 4115.00 ✓
60	Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.	10.00 No		314.35	Rupees three hundred fourteen and paise thirty five only ✓ 3144.00 ✓
	Total	10.00 No		303.00	Rupees three hundred three and paise nil only ✓ 3030.00 ✓
					499622.00 ✓


 KS
 Executive Engineer
 Sarahan Division
 HP, PWD, Sarahan

SCHEDULE OF QUANTITY

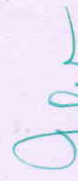
Name of work:- R/R Damages on B.B.RC Road km 7/00 to 28/00 (SH:- C/O of wire crate at 23/390 to 23/405 Height 6.25 m

Estimated cost:-Rs.435411/-

Earnest money:- Rs. 9000/-

Time Limit:- one Months.

Sr. No	Description Items of work	Qty.	Unit	in figures.	Rate		Amount
					in words		
1	2	3	4	5	6	7	
1	Earth work in excavations for structure as per drawing and technical specifications clause 305.1 (Clause ThreeHundred Five point One) including setting out, construction of shoring and bracing removal of stumps and other deleterious material and disposal upto a lead of 50m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	29.92	Per Cubic Metre.	194.00	Rupees one hundred ninety four and paise zero only ✓	5804.00	
2	Providing and laying of boulder apron laid in wire creates with 4mm dia GI wire conforming to IS:280 and IS:4826 in 100mm x 100mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specification clause 1301 as per drawing and HP PWD technical specifications in carriage of all labour equipments and materials to various locations through all modes of transportations in all leads and lifts to the entire satisfaction as per direction of Engineer-in- Charge.	148.13	Per Cubic Metre.	2846.40	Rupees Two thousand Eight hundred forty six and paise forty only ✓	421637.00	
3	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 in granular material and as per direction of the Engineer-in Charge, including carriage of all labour equipments and materials to various locations through all modes of transportation in all leads and lifts to the entire satisfaction of the Engineer-in-Charge.	10.80	Per Cubic Metre.	738.00	Rupees seven Hundred thirty eight and paise zero Only. ✓	7970.00	
						435411.00	


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