

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

Sealed items rate tender on form No. 6 and 8 are hereby invited on behalf of Governor of HP for the following works from approved and eligible contractor enlisted in HPPWD, so as to reach in this office on 20.8.2022 up to 11.30 AM and shall be opened on the same day at 12.00 Noon in the presence of 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) up to 10.30 AM on 18.8.2022.

The earnest money in the shape of FDR/TDR in HP duly pledged in favour of Executive Engineer Nahan Division HP.PWD Nahan must be accompanied with the each tender. Conditional tender and tender received without earnest money will be rejected. The undersigned reserves the right to reject any or all tenders without assigning the reason. The offer of the tender will be kept opened for 75 days.

Sr. No.	Name of works	Estimated Cost	Earnest Money	Time Limit	Cost of Form
1	R/R damages L/R Birla Dhayli Km.0/0 to 4/165.(SH:- R/O slips)	4,81,013/-	10,000/-	02 Month	350/-
2	Installation of PSA Oxygen plant in Dr. YSPGMC Nahan. (SH:-C/O bal. civil work)	4,99,946/-	10,000/-	02 Month	350/-
3	A/R & M/O PWD Rest house at dadahu.(SH:-C/O septic tank, roof coverings & Misc. work).	4,99,777/-	10,000/-	02 Month	350/-
4	R/R damage on L/R Malgaon to Shilnukailash road km.0/0 to 4/0.(SH:-C/O R/wall at RD.1/750 to 1/760)	4,99,507/-	10,000/-	02 Month	350/-
5	C/O Make Shift Hospital for COVID-19 at Judda near Nahan, District Sirmaur (HP) (SH:- C/o approach road at RD.0/0 to 0/152)	4,96,705/-	10,000/-	02 Month	350/-
6	A/R & M/o jamta mahipur Bechar ka Bag road Km.0/0 to 27/585.(SH:-Repair & maintenance of rain shelters)	4,90,566/-	10,000/-	02 Month	350/-
7	A/R & M/o NDH road Km.0/0 to 36/0.(SH:-Repair & maintenance of rain shelters in Km.9/0 to 25/0)	4,90,695/-	10,000/-	02 Month	350/-
8	R/R damages on Khajurna B.Bag Suketi Kala Amb road Km.0/0 to 15/0.(SH:-R/O slips & cleaning of road side drain)	4,80,824/-	10,000/-	02 Month	350/-
9	C/O Harijan basti salani Km.0/0 to 2/0.(SH:-C/O bal. work of 4.00 mtr. Span RCC slab culvert at RD.1/165)	4,98,401/-	10,000/-	02 Month	350/-
10	C/O Govt. ITI at KW Bhud & C/O Science lab in GSSS Mognand Tehsil Nahan.(SH:-Geological investigation of soil/strata)	4,70,000/-	10,000/-	02 Month	350/-
11	R/O CMO office building Nahan.(SH:- R/O Boundary wall)	61,453/-	1,500/-	01 Month	350/-
12	C/o additional block in GPG Degree college at Nahan under RUSSA..(SH:Balance work of steel work, porch, chajja & other Misc. works)	4,99,701/-	10,000/-	02 Month	350/-
13	A/R & M/O Jhameria ramadhon Dhagera road Km.0/0 to 22/300.(SH:-Repair & maintenance of rain shelters)	4,02,595/-	8,100/-	02 Month	350/-
14	C/O L/R Village Shyampur Km.0/0 to 2/300.(SH:-C/O R/wall at Rd.0/635 to 0/645 & 0/665 to 0/670)	2,49,132/-	5,000/-	02 Month	350/-
15	C/O Salani Tedi baroti Trilokpur road 0/0 to 5/555. (SH:-C/O 1.00 mtr. & 2.00 mtr. Span slab culvert at RD.2/560)	4,99,293/-	10,000/-	02 Month	350/-
16	R/R damages on Shambhuwala Mattar Bhedon road Km.0/0 to 7/120.(SH:-R/O slips & cleaning of road side drain)	4,98,980/-	10,000/-	02 Month	350/-
17	C/O L/R Chassi Dobghat Dholsari Jangla Bhud Maidhar Lehi Km.0/0 to 9/0.(SH:-C/O 1.00m mtr. Span slab culvert at RD.7/800 & 7/835).	4,99,297/-	10,000/-	02 Month	350/-
18	C/O L/R Chassi Dobghat Dholsari Jangla Bhud Maidhar Lehi Km.0/0 to 9/0.(SH:-C/O 2.00 mtr. Span slab culvert at RD.8/560).	4,99,922/-	10,000/-	02 Month	350/-
19	C/o banog to Dharkiyari road Km.0/0 to 4/960. (SH:-5/7 mtr. Wide F/C at RD.1/0 to 1/300)	4,99,632/-	10,000/-	02 Month	350/-
20	Imp. of black spot on Banog Kheri rod Km.0/0 to 39/0.(SH:-C/O R/wall at RD.7/164 to 7/196)	4,99,620/-	10,000/-	02 Month	350/-
21	A/R & M/O banog kheri road Km.0/0 to 39/0 & L/R to village Chassi.(SH:-C/O B/wall at RD.19/070 to 19/090 & R/wall at RD.0/408 to 0/415)	4,98,449/-	10,000/-	02 Month	350/-
22	A/R & M/O banog kheri road Km.0/0 to 39/0.(SH:-C/O R/wall at RD.15/089 to 15/112)	4,99,306/-	10,000/-	02 Month	350/-
23	A/R & M/O banog kheri road Km.0/0 to 39/0.(SH:-C/O	4,50,424/-	10,000/-	02 Month	350/-

	Dal. work breast wall at RD.15/10/ to 15/154)				
24	R/O Forensic deptt. In old Arts block PG degree college now a part of DYSPGMC Nahan.(SH:-P/L linoleum covering to floor)	3,28,402/-	7,000/-	02 Month	350/-
25	R/O roof of Principal office building at Dr.YSPMC & Hospital, Nahan.(SH:-P/L water proofing treatment & Misc. work)	4,99,566/-	10,000/-	02 Month	350/-
26	Repair work of Dr.YSPMC Nahan.(SH:-Repair along sewerage system between OPD & LT-2)	4,81,500/-	10,000/-	02 Month	350/-

CERTIFICATE:- It is certified that the tenders of above works 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 alongwith copy of the same be attached with the application.
2. The Contractors/Firms should attach copy of the Registration/Renewal with the application.
3. The contractor/bidders should quote his rates Both in Figures and words, where there is any discrepancy between the rates in figures and words, the rates in words will be governed.
4. The contractors/bidders must inspect the site to ascertain/familiar the site conditions, accessibility etc. before quoting the bid/tender.
5. Conditional and telegraphic tender shall not be accepted and rejected straightway. Tender received after due date and time will be rejected.
6. The contractor/firms should have to produce the details of works in hand in HP. PWD, and its position thereof alongwith application.
7. The tender documents shall be issued to only those contractors who does not have more than two works in hand in any HP PWD Circle/ Division worth Rs. 1.00 Crore each.
8. The Contractor shall have to establish testing laboratory at site for the day to day testing of material.
9. The offer shall remain valid upto 75 days.
10. The provisions of guidelines issued vide the Principal Secretary (PW) to the Govt. of HP, Shimla vide notification No.PBW(B)A(3)1/2020 dated.Shimla-2 the 22nd July, 2020 regarding adoption of CPWD works manual 2019 & other publication of CPWD in HPPWD shall also be applicable.
11. The Executive Engineer reserve the right to reject any or all the tenders without assigning any reason.

Executive Engineer,
Nahan Division,
HPPWD Nahan.

For & on behalf of Governor of Himachal Pradesh.

No. PWN/CB/Tender/2020-21- 8253-65

Dated:- 12/08/2022

Copy forwarded to the following for information & further necessary action:-

1. The Engineer-in-Chief, HP.PWD., Shimla please.
2. The Chief Engineer(SZ), HP.PWD., Shimla-2 please.
3. The Deputy Commissioner, Sirmaur Distt. at Nahan please.
4. The Superintending Engineer, 12th Circle, HP.PWD., Nahan please.
5. The Executive Engineer (IT Cell), Nigam Vihar, HPPWD., Shimla-2 for uploading of Notice Inviting Tenders on departmental website please.
6. The S.D.M. Nahan please.
7. The Distt. Panchayat Officer, Nahan please.
8. The Executive Officer, M.C., Nahan please..
9. All the Assistant Engineers under this division to display on their respective Notice Boards.
10. The Notice Board.

Executive Engineer,
Nahan Division,
HPPWD Nahan.

SCHEDULE OF QUANTITY

Name of work:-Repair of CMO office building Nahan(SH :-Repair of boundary wall)

Estimated Cost:- Rs.61,453 /- only
Earnest money:- Rs 1,500/- only
Time:- One Month

Sr No	Sub Head/Item of works	Quantity	Unit	Rate in figure	Rate in world	Amount
1	Demolition of brick work below G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials. In cement mortar including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	2.88				
2	Brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:6 (1 Cement : 6 Sand) Second Class Bricks including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	5.52				
3	15mm (fifteen millimetre) cement plaster in single coat on rough side of brick/ concrete/stone walls of interior plastering upto floor two level including arisings, internal rounded angles, chamfers & rounded angles not exceeding 80mm in (eighty millimetre) grith finished even and smooth in cement mortar 1:6 (One cement is to six sand) as per HP.PWD., specification volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	60.30				
4	Applying priming with cement primer coat on new concrete/Masonry/ asbestors cement/plastered surface and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required with : Ready Mixed primer including carriage of materials with in all leads and other incidental complete as per entire satisfaction of the Engineer-in-Charge.	60.30				
5	Finishing wall with weather proof exterior grade emulsion of approved design (apexultima) or its equarled on undecorated wall surface (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dir, dust and other foreign matter etc including sand paper smooth complete .including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	60.30				
	Total :-					

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Executive Engineer
Nahan Division
HPPWD, Nahan

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Name of Work:-Restoration of rain damages L/R Birla Dhayali Km 0/0 to 4/165(SH):-Removal of slips)

SCHEDULE OF QUANTITY

Estimated Cost:- Rs.4,81,013/- only
 Earnest money:- Rs 10,000/- only
 Time:- Two Months

Sr. No	Sub Head/Item of work	Quantity	Unit	Rate in		Amount
				figure	world	
1	Removal of land slides /slip clearance in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material as per technical specification 302.3.5 and 1611 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	5880.35	Per Cubic metre			

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 Executive Engineer
 Nahan Division,
 HP,PWD, Nahan.

SCHEDULE OF QUANTITY

Name of work:- Installation of PSA Oxygen plant in Dr. YSPGMC Nahan (SH :- C/O blance civil work)

Estimated cost :- Rs.4,99,946/-only
Earnest Money:- Rs.10,000/-only
Time:- Two Months.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Providing and fixing inter linked wire mesh of size 25mm X 25mm (chicken mesh) including cutting, fixing and welding to steel and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	58.33	Per square metre			
2	Providing and fixing 0.60mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	120.75	Per square metre			
3	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/ facial soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	160.60	Per Square metre			
	Total :-					

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Executive Engineer,
HP.PWD., Division
Nahan.

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O PWD Rest house at Dadahu (SH :- C/O Septic tank, roof coverings & miscellaneous work)

Estimated Cost:- Rs.4,99,777 /- only
Earnest money:- Rs 10,000/- only
Time:- Two Months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in		Amount
				figure	world	
1	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. In gratings framed guard bars, ladders, railing, brackets and similar works including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	20.50	Per Quintal			
2	Providing and fixing 0.60 mm thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm dia metre with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	8.54	Per square metre			
3	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/facial/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	61.20	Per Square metre			
4	Providing and fixing ridges or hips 60 cm overall with 0.60 mm thick prepainted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with prepainted iron J or L hooks, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charges including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	48.50	Per Running metre			
5	Providing and fixing 15 cm. wide 45 cm. overall semicircular plain G.I. sheetgutter with iron brackets 40x3mm size bolts and nuts and washers etc. including making necessary connections with rain water pipe complete as per design 0.63mm thick sheet including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	86.00	Per Running metre			
6	Providing and fixing on wall face PVC (D-Plast) rain water pipes of working pressure not less than 4.5 Kg (Four decimal five kilogram) per square meter including filling the joints with approved adhesive complete 75mm (Seventy five millimeter) dia pipes as per HP.PWD, specification Volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts and other incidental charges complete as per entire satisfaction of the Engineer-in Charge.	30.00	Per Running metre			

7	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete 75 mm (Seventy five millimetre) dia as per HP.PWD., specification Volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts and other incidental charges complete as per entire satisfaction of the Engineer-in Charge.	10.00	Each			
8	Providing wood work in frames of doors, windows, clerestory, windows and other frames wrought, framed and fixed in position .Sal wood including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	0.267	Per cubic metre			
9	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal all lead dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	22.67	Per Cubic metre			
10	Providing and laying cement concrete 1:4:8 (one cement is to four sand is to eight graded stone aggregate forty mm nominal size) and curing complete excluding cost of form work in foundation and plinth including all leads and lifts as per the direction of Engineer-in Charge.	1.57	Per Cubic metre			
11	Brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:6 (One cement is to six sand) Second Class Bricks including carriage of materials through all modes of transportation with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	4.00	Per Cubic metre			
12	Half brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:4 (One cement is to four sand) Second Class Bricks including carriage of materials through all modes of transportation with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	4.26	Per Square metre			

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Executive Engineer
 Nahan Division,
 HP,PWD, Nahan.

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on L/R Malgaon to Shilnu Kailash Km 0/0 to 4/0(SH :-C/O R/Wall at RD 1/750 to 1/760)

Estimated Cost:- Rs.4,99,507 /- only

Earnest money:- Rs 10,000/- only

Time:- Two Months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in figure	Rate in world	Amount
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal all lead dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	65.52	Per Cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	116.20	Per Cubic metre			
3	Back filling-behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	14.70	Per Cubic metre			
4	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614, 709, 1204, 3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	70.00	Each			
	Total :-					

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Executive Engineer
Nahan Division,
HP,PWD, Nahan.

SCHEDULE OF QUANTITY

Name of work :-Construction of Make Shift Hospital for COVID-19 at Judda Near Nahan Distt Sirmour H.P.(SH:-Construction of approach road at RD 0/0 to 0/152)

Estimated cost :- Rs. 4,96,705 /-only
Earnest Money :- Rs. 10,000 /- only
Time allowed :- Two months

S. No.	Sub-head & item of works	Quantity	Unit	Rate in		Amount
				Words	Figure	
1	Stone soling properly hand-packed filling interstices with Kharanja stone and consolidating with power road roller to the requested gradient and comber including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	71.82	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12(one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	46.36	Per Cubic metre			
3	Providing and laying plain concrete complete as per drawing and technical specification clause 802,803,1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	46.36	Per Cubic metre			
	Total :-					

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Executive Engineer,
HP.PWD., Division
Nahan.

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Jamta Mahipur Bechar Ka Bag road Km 0/0 to 27/585 (SH)-Repair & maintenance of rain shelters)

Estimated cost :- Rs. 4,90,566/-only
Earnest Money:- Rs. 10,000/-only
Time:- Two Months.

Sr.No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Repairs to plaster in patches of 2.50 Sqm 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 in Cement Mortar 1:5 (One cement is to five sand) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	481.12	Per Square metre			
2	Providing andn laying Cement concrete 1:2:4 (One cement is to two sand is to four graded/crushed stone aggregate 20mm nominal size) and curing complete excluding cost of form work in walls including attached buttresses, pilasters and their caps and basis and string courses etc. upto floor all level including carriage of materials with in all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge.	2.24	Per cubic metre			
3	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	992.96	Per Square metre			
4	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	992.96	Per square metre			
5	Applying priming with cement primer coat on new concrete/Masonry/ asbestors cement/plastered surface and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required with : Ready Mixed primer including carriage of materials with in all leads and other incidental complete as per entire satisfaction of the Engineer-in-Charge.	992.96	Per square metre			
6	Distemping (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge including carriage of materials with in all leads and other incidental complete as per entire satisfaction of the Engineer-in-Charge.	481.28	Per square metre			

7	Finishing wall with weather proof exterior grade emulsion of approved design (apex ultima) or its equariled on undecorated wall surface (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dir, dust and other foreign matter etc including sand paper smooth complete including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1102.31	Per Square metre			
8	40(forty) mm cement concrete flooring 1:2:4 ((One cement is to two sand is to four graded stone)aggregate 20mm nominal size)laid in one layer finished with a floating coat of neat cement including all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	25.32	Per square metre			
9	Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701.Hindi (Matras commas and the like not to be measured and paid for. Half letters shall be counted as half only)	400.00	Per Cm height per letter			
10	Providing under layer for plinth protection of 75mm (Seventy five millimetre) thick (Unconsolidated) bed of dry/stone aggregate 40mm(forty millimetre) nominal size with rammed and consolidated and grouted with fine sand including preparation of ground as per HP.PWD., specification volume-I (one)including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	6.00	Per Square metre			
11	Providing plinth protection 50mm (fifty millimetre) thick in cement concrete 1 : 3 : 6 (One cement is to three sand is to six graded stone aggregate 20mm nominal size) as per HP.PWD., specification volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	36.00	Per Square metre			
12	Brick work second class using common burnt clay building bricks in Super structure above plinth level upto all floor level in cement mortar 1:6 (one cement : six approved sand) as per HP.PWD., specification 1990 Volume- I (One) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	2.65	Per cubic metre			
	Total :-					

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 Nahan (B&R) Division,
 HP,PWD, Nahan.

SCHEDULE OF QUANTITY

Name of work:- AVR & M/O Nahan Dadahu Haripurdhar road Km 0/0 to 36/0(SH):-Repair & maintenance of rain shelters in Km 9/0 to 25/0)

Estimated cost :- Rs. 4,90,695/-only
Earnest Money:- Rs. 10,000/-only
Time:- Two Months.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Repairs to plaster in patches of 2.50 Sqm 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 in Cement Mortar 1:5 (One cementt is to five sand) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	451.05	Per Square metre			
2	Providing andn laying Cement concrete 1:2:4 (One cement is to two sand is to four graded/crushed stone aggregate 20mm nominal size) and curing complete excluding cost of form work in walls including attached buttresses, pilasters and their caps and basis and string courses etc. upto floor all level including carriage of materials with in all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge.	2.10	Per cubic metre			
3	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	930.90	Per Square metre			
4	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	930.90	Per square metre			
5	Applying priming with cement primer coat on new concrete/Masonry/ asbestors cement/plastered surface and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required with : Ready Mixed primer including carriage of materials with in all leads and other incidental complete as per entire satisfaction of the Engineer-in-Charge.	930.90	Per square metre			
6	Distempereing (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge including carriage of materials with in all leads and other incidental complete as per entire satisfaction of the Engineer-in-Charge.	451.20	Per square metre			

7	Finishing wall with weather proof exterior grade emulsion of approved design (apex ultima) or its equalled on undecorated wall surface (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dir, dust and other foreign matter etc including sand paper smooth complete including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1052.26	Per Square metre			
8	40(forty) mm cement concrete flooring 1:2:4 (One cement is to two sand is to four graded stone)aggregate 20mm nominal size)laid in one layer finished with a floating coat of neat cement including all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	44.31	Per square metre			
9	Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701.Hindi (Matras commas and the like not to be measured and paid for. Half letters shall be counted as half only)	650.00	Per Cm height per letter			
10	Providing under layer for plinth protection of 75mm (Seventy five millimetre) thick (Unconsolidated) bed of dry/stone aggregate 40mm(forty millimetre) nominal size with rammed and consolidated and grouted with fine sand including preparation of ground as per HP.PWD.,specification volume-I (one)including carriage of all labour equipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	54.00	Per Square metre			
11	Providing plinth protection 50mm (fifty millimetre) thick in cement concrete 1 : 3 : 6 (One cement is to three sand is to six graded stone aggregate 20mm nominal size) as per HP.PWD., specification volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	54.00	Per Square metre			
12	Brick work second class using common burnt clay building bricks in Super structure above plinth level upto all floor level in cement mortar 1:6 (one cement : six approved sand)as per HP.PWD., specification 1990 Volume- I (One) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	2.65	Per cubic metre			
	Total :-					

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Executive Engineer,
 Nahan (B&R) Division,
 HP,PWD, Nahan.

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Khajurha Bikram Bag Suketi Kala Amb road Km 0/0 to 15/0(SH):-Removal of slips & cleaning of road side drain)

Estimated Cost:- Rs.4,80,824/- only
Earnest money:- Rs 10,000/- only
Time:- Two Months

Sr. No	Sub Head/Item of work	Quantity	Unit	Rate in		Amount
				figure	word	
1	Removal of land slides /slip clearance in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material as per technical specification 302.3.5 and 1611 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	5878.05	Per Cubic metre			

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Executive Engineer
Nahan Division,
HP,PWD, Nahan.

Schedule of Quantity

Name of work:- Construction of Harizan basti Salani km 0/0 to 2/0(SH:- C/O balance work of 4.00 mtrs.span RCC slab culvert at RD 1/165)

Estimated Cost:- Rs.4,98,401/-only
Earnest Money:- Rs.10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer-in-charge.	19.20	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in sub-structure complete as per drawing and technical specification clause 802,803,1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	4.28	Per Cubic metre			
3	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications clauses 1002,1010 and 1202 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	1.540	Per Tonne			
4	Providing and laying reinforced cement concrete in superstructure complete as per drawing and technical specification clauses 802,804,805,806,807,1202 and 1204 R.C.C. grade M-25) 1:1.5:3 (one cement is to one point five sand is to three grade stone aggregate nominal size)including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	17.09	Per Cubic metre			
5	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	58.20	Per Cubic metre			
6	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	32.00	Each			
	Total:-					

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Executive Engineer,
HP PWD., Division
Nahan.

SCHEDULE OF QUANTITY

Name of work:- Construction of Government Industrial Training Institute (ITI) at Kaulanwala Bhood & C/O Science lab in Govt. Sen. Sec. School Moginand Tehsil Nahan District Sirmour (HP) (SH):- Geological investigation of soil/ strata.)

Estimated cost :- Rs :- 4,70,000/-
Earnest Money:- Rs:- 10,000/-
Time:- Two Months.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Sub soil investigation in all type if soil/ strata by drilling bore holes of NX size (75 millimetre dia metre) ranging from 10.00 metre or above in depth for investigation of soil/ rock condition at site of wok including mobilization and de- mobilization for drilling, shifting of machinery to bore site, making plate form and water arrangement for drilling. The scope of wok include collection of disturbed and un- disturbed core samples plugging of bore holes preservation of core including relevant filds and laboratory tests and submission of geological report of complex site of work including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	50.00	Per Running metre			
Total :-						

Signature of the contractor with full address

Terms and Conditions:-

- 1 Work will be carried out strictly as per guide lines and specification of HP PWD.
- 2 40% Payment will be released after submission of DPR.
- 3 Balance 60% Payment will be paid after getting approval from competent authority.
- 4 In case of delay in completion of services, a penalty equal to 0.05% of the contract price per day subject to maximum 5% of the contract value will be imposed and shall be recovered from payment due. However, in case of delay due to reasons beyond the control of consultant, suitable extension of time will be granted.

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Executive Engineer,
HP.PWD., Division
Nahan.

12

Schedule of Quantity

Name of work:- Construction of additional block in G.P.G Degree College at Nahan under RUSSA.(SH:- Balance work of steel work,Porch,Chajja & other miscellaneous works)

Estimated Cost:-4,99,701/-only
Earnest Money:-10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. In gratings framed guard bars, ladders, railing, brackets and similar works. including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	21.51	Per Quintal			
2	Providing and fixing M.S. BP Sheet 1.66mm to 2mm thick in eaves board/ fascia/ soffits/ ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately) including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	40.34	Per Square metre			
3	Providing and fixing 0.60mm thick pre-painted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted iron J or L hooks, bolts and nuts 6mm dia metre with pre-painted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-charge including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	67.13	Per square metre			
4	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick pre-painted steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns over 5 microns primer coating + back coat of polyester of 5 microns over 5 microns primer coating i/c fixing with pre-painted iron J or L hooks, bolts & nuts 6mm dia & pre-painted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charges including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	45.30	Per square metre			
5	Painting two coats (excluding priming coat) on new steel & other metal surface with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust & other foreign matters with other than white as per HPPWD specification 1990 Volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	124.23	Per Square metre			
6	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and back filling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire	5.40	Per Cubic metre			

7	Providing concrete for plain concrete in open foundations complete as per drawings and technical specifications nominal mix C.C. 1:4:8 (one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	0.98	Per Cubic metre			
8	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level : Tor Steel including all leads, lifts and carriage of materials. including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	50.28	Per Kilogram			
9	Providing form work with steel plates 3.15mm (Three decimal one five millimeter) thick welded with angle iron in frames 30x30x5mm (Thirty into thirty into five millimeter) ,so as to give a fair finish including centring,shuttering,strutting and propping etc. with wooden battens & ballies, height of propping and centring below supporting floor to ceiling not exceeding 4.00 mtrs (four meters) & removal of the same for in-situ reinforced concrete & plain concrete work as per HP.PWD., specification 1990 volume-I (One)including carriage of all labour equipments & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge in.Beams, cantilevers,girders and lintels sides and soffits of beams, beam haunchings, cantilevers, bressumers and lintels not exceeding 1.00 mtrs (One meter)in depth in all heights from floor level.	4.12	Per square meter			
10	Providing-and laying Cement Concrete 1:1.5:3(one cement: one point five sand: three graded stone aggregate 20mm(twenty millimetre) nominal size)mechanical mixed and vibrated and curing complete excluding cost of form work and reinforcement for reinforced concrete work in a) Foundation, footings bases of columns and the like and mass concrete. including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	1.96	Per Cubic metre			
11	Boulder filling dry hand packed under flooring & behind retaining wall as per HPPWD specification 1990 volume-I (One) including carriage of all labour equipments & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	0.89	Per cubic metre			
12	Filling in plinth with sand under floors including watering ramming consolidating & dressing complete as per HP.PWD., specification 1990 volume-I (one) including carriage of all labour equipments & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	0.15	Per cubic metre			
13	Kota stone slab flooring 20 mm (Twenty millimetre) (average) thick base of cement mortar 1:4 (one cement is to four sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab. including rubbing and polishing complete. 25 mm (Twenty millimetre) thick including carriage of materials with in all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge.	6.30	Per Square metre			

4	Distempering (two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on undecorated wall surfaces to give an even shade over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and sand papered smooth. Priming coat with distemper primer	618.82	Per square metre		
	Total :-				



Executive Engineer,
HP.PWD., Division
Nahan.

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Schedule of Quantity

Name of work:-A/R & M/O Jhameria Rama Dhon Dhagera road Km 0/0 to 22/300 (SH :-Repair and maintenance of Rain shelters)

Estimated Cost:-4,02,595/-only

Earnest Money:- 8,100/- only

Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	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 replete ring the surface of the wall including disposal of rubbish to the dumping ground within a lead of 20 meters with:- cement mortar 1:5 including carriage of materials with in all leads, lifts and carriage of materials complete as Per entire satisfaction of the Engineer In charge.	240.64	Per square metre			
2	Providing and laying cement concrete 1:2:4 (One cement is to two sand is to four graded stone aggregate 20mm. nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in: Suspended floors roofs, landings and shelves and their supports, balconies, beams, girders, bressumers and cantilevers upto floor two level including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1.68	Per Cubic metre			
3	Providing tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete including all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	151.20	Per Kilogram			
4	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface Smooth including necessary repairs to scratches complete. including carriage of materials with in all Leads, lifts and carriage of materials complete as Per entire satisfaction of the Engineer In charge.	1264.82	Per square metre			
5	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials with in all leads, lifts and carriage of materials complete as Per entire satisfaction of the Engineer In charge.	1264.82	Per square metre			
6	Applying priming coat on wall cement primer including carriage of materials with in all leads lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1264.82	Per square metre			
7	Distemping (two coats) with oil bound washable distemper of approved brand and manufacture and required shade on undecorated wall surfaces to give an even shade over and including brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and papered smooth including carriage of materials with in all Leads, lifts and carriage of materials complete as Per entire Satisfaction of the Engineer In charge.	541.44	Per square metre			
8	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalized on undecorated wall surface (two coats) to give an even shade and final after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials with in all Leads, lifts and carriage of materials complete as Per entire Satisfaction of the Engineer In charge.	942.80	Per square metre			
9	40 mm cement concrete flooring 1:2:4 (One cement is to two sand is to four graded stone) aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement including all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	25.32	Per square metre			

10	Brick work using common burnt clay building bricks in Cement Mortar 1:6 (One cement is to six sand) Second Class Bricks including carriage of materials through all modes of transportation with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	2.65	Per Cubic metre		
11	Providing under layer for plinth protection of 75mm (Seventy five millimetre) thick (Unconsolidated) bed of dry/stone aggregate 40mm(forty millimetre) nominal size with rammed and consolidated and grouted with fine sand including preparation of ground as per HP.PWD., specification volume-I (one)including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	42.00	Per Square Metre		
12	Providing plinth protection 50mm (fifty millimetre) thick in cement concrete 1: 3: 6(One cement : three sand : six graded stone aggregate 20mm nominal size) as per HP.PWD., specification volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	42.00	Per Square Metre		
13	Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701.Hindi (Matras commas and the like not to be measured and paid for. Half letters shall be counted as half only)	950.00	Per.Cm height per letter		

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 Executive Engineer,
 HP.PWD., Division
 Nahan.

Name of work:-C/O link road village Shyampur Km 0/0 to 2/300(SH:-C/O R/Wall at RD 0/635 to 0/645 & 0/665 to 0/670)

Schedule of Quantity

Estimated Cost:- Rs.2,49,132/-only
Earnest Money:- Rs.5,000/- only
Time allowed:- Two months

Sr. No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and back filling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	16.20	Per Cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	57.60	Per Cubic metre			
3	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	21.00	Each			
4	Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	18.00	Per Cubic metre			
	Total:-					

Executive Engineer,
HP.PWD., Division
Nahan.

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Schedule of Quantity

Name of work:- C/O Salani Tedi Barotti Trilokpur road km.0/0 to 5/555(SH:- C/O 1.00 Mtrs.span slab culvert at RD 2/560)

Estimated Cost:- Rs.4,99,293/-only
Earnest Money:- Rs.10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and back filling in trenches with excavated suitable material. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	74.48	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12(one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	2.36	Per Cubic metre			
3	Providing and laying concrete for plain/reinforced concrete in sub-structure complete as per drawing and technical specification clause 802,803,1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	20.40	Per Cubic metre			
4	Providing and laying reinforced cement concrete in superstructure complete as per drawing and technical specification clauses 802,804,805,806,807,1202 and 1204 R.C.C. grade M-25) 1:1.5:3 (one cement is to one point five sand is to three grade stone aggregate nominal size)including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	4.73	Per Cubic metre			
5	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications clauses 1002,1010 and 1202 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	0.430	Per Tonne			
6	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement: four sand: eight crushed aggregates) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	70.80	Per Cubic metre			

7	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	44.00	Each			
	Total:-					

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 Executive Engineer,
 HP.PWD., Division
 Nahan.

16

SCHEDULE OF QUANTITY

Name of Work:- Restoration of rain damages on Shambhuwala Mattar Bhedon road Km 0/0 to 7/120 (SH:- Removal of slips
& cleaning of road side drain)

Estimated Cost:- Rs.4,98,980/- only
Earnest money:- Rs 10,000/- only
Time:- Two Months

Sr. No	Sub Head/Item of work	Quantity	Unit	Rate in		Amount
				figure	world	
1	Removal of land slides /slip clearance in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops and disposal of cut material as per technical specification 302.3.5 and 1611 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	6100.00	Per Cubic metre			

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Executive Engineer
Nahan Division,
HP, PWD, Nahan.

Schedule of Quantity

Name of work:- C/O link road Chassi Dhobghat Dholsari Jangla Bhoad Maidhar Lehi km.0/0 to 9/0(SH:- C/O 1.00 Mtrs.span slab culvert at RD 7/800 & 7/835)

Estimated Cost:- Rs.4,99,297/-only
Earnest Money:- Rs.10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and back filling in trenches with excavated suitable material, including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	140.16	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12 (one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	4.73	Per Cubic metre			
3	Providing and laying concrete for plain/reinforced concrete in sub-structure complete as per drawing and technical specification clause 802, 803, 1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	30.29	Per Cubic metre			
4	Providing and laying reinforced cement concrete in superstructure complete as per drawing and technical specification clauses 802, 804, 805, 806, 807, 1202 and 1204 R.C.C. grade M-25) 1:1.5:3 (one cement is to one point five sand is to three grade stone aggregate nominal size) including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	9.00	Per Cubic metre			
5	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications clauses 1002, 1010 and 1202 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	0.810	Per Tonne			
6	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement: four sand: eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	34.00	Per Cubic metre			

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7	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614, 709, 1204, 3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	24.00	Each			
	Total:-					

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 Executive Engineer,
 HP.PWD., Division
 Nahan.

18

Schedule of Quantity

Name of work:- C/O link road Chassi Dhobghat Dholsari Jangla Bhoad Maidhar Lehi km.0/0 to 9/0 (SH:- C/O 2.00 Mtrs. span slab culvert at RD 8/560)

Estimated Cost:- Rs.4,99,922/-only
Earnest Money:- Rs.10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and back filling in trenches with excavated suitable material, including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	80.28	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12 (one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	4.05	Per Cubic metre			
3	Providing and laying concrete for plain/reinforced concrete in sub-structure complete as per drawing and technical specification clause 802, 803, 1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	49.50	Per Cubic metre			
4	Providing and laying reinforced cement concrete in superstructure complete as per drawing and technical specification clauses 802, 804, 805, 806, 807, 1202 and 1204 R.C.C. grade M-25) 1:1.5:3 (one cement is to one point five sand is to three grade stone aggregate nominal size) including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	8.22	Per Cubic metre			
5	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications clauses 1002, 1010 and 1202 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts, including all incidental charges.	0.740	Per Tonne			
6	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement: four sand: eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	13.50	Per Cubic metre			

7	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	25.00	Each			
	Total:-					

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Schedule of Quantity

Name of work:- Construction of Banog to Dharkiyari road Km 0/0 to 4/960(SH:- 5/7 Mtrs.vide formation cutting at RD 1/0 to 1/300)

Estimated Cost:-4,99,632 /-only
Earnest Money:- 10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Excavation in earthwork in hilly area all heights and depths, in all kind of soils 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, etc. 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 conformity with the requirement of technical specification of Ministry of Rural Development for Rural Roads August, 2004 (Two Thousand Four), C-1603.1, 1603.2 (Clause - One Thousand Six Hundred Three point One, One Thousand Six Hundred Three point Two) to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and safe disposal of unsuitable cut materials by all modes of transportations in all leads and lifts at specified places. in specified manner, systematically with due consideration to avoiding adverse effects on environment, trimming, filling of unevenness, blind age and finishing of the road to specified dimensions to the entire satisfaction as directed by the Engineer-in charge for smooth plying of traffic. All useful material such as stones, shingle, aggregate and slates shall be sorted out and stacked along the road side not less than 168.00 cubic metre in all cases, failing which recovery at the rate of Rupees 170/- only (Rupees one hundred seventy only) per cubic meter shall be effected. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases including haulage of material with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge.	3360.00	Per Cubic metre			

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Schedule of Quantity

Name of work:- Improvement of black spot on Banog Kheri road km.0/0 to 39/0(SH:- C/O R/Wall at RD 7/184 to 7/196)

Estimated Cost:- Rs.4,99,620/-only
Earnest Money:- Rs.10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and back filling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	33.60	Per Cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement: four sand: eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	119.70	Per Cubic metre			
3	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614, 709, 1204, 3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	50.00	Each			
4	Fixing and erecting a "W" metal beam crash barrier comprising of 3mm thick corrugated sheet metal beam rail 70cm (seventy centimetre) above road/ground level fixed on channel section made out 5mm(five millimetre) thick sheet by cold roll forming process of confirming IS-2062-1999(Two thousand sixty two to one thousand nine hundred ninety nine) grade A with Hot dip galvanised 550(five hundred fifty)grams per square metre vehicle post 150x75x5mm(one hundred fifty into seventy five into five millimetre)spaced 2m (Two metre centre to centre 1.80(one point eighty) high 1.1m(one point one metre) below ground/road level, all steel part and fitmetres to be galvanised by hot dip process all fittings to confirm to IS: 1367, (one thousand three hundred sixty seven) and IS: 1364, (one thousand three hundred sixty four) metal beam rail to be fixed on the vertical part with a spacer of cold roll form section 150x75x5mm(one hundred fifty into seventy five into five millimetre) long complete as per clause 810. carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	25.00	Per Running metre			
5	Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	14.40	Per Cubic metre			
	Total:-					

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Schedule of Quantity

Name of work:- A/R & M/O Banog Kheri road Km 0/0 to 39/0 & L/R to village Chassi(SH:-C/O B/Wall at RD 19/070 to 19/090 & R/Wall at RD 0/408 to 0/415)

Estimated Cost:- Rs.4,98,449 /-only
 Earnest Money:- Rs.10,000/- only
 Time allowed:- Two months

Sr No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and backfilling in trenches with excavated suitable material. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	67.48	Per Cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	120.00	Per Cubic metre			
3	Back filling behind abutment wing wall and return wall complete as per drawing & technical specification clause 1204.3.8 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	13.65	Per Cubic metre			
4	Providing weep holes in bricks/stone masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia PVC pipe extended through the full width of the structure with slope of 1 vertical and 20 in horizontal towards drawing face complete as per specification clause 614,709,1204,3.7. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	24.00	Each			
Total:-						

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SCHEDULE OF QUANTITY

Name of work:- A/R & M/O to Banog kheri road km 0/0 to 39/0 (SH:- Construction of R/wall at RD 15/089 to 15/112)

Estimated cost :- Rs :- 4,99,306/-
Earnist Money :- Rs:- 10,000/-
Time:- Two Months.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	48.30	Per Cubic metre			
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement four sand: eight crushed aggregates) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	109.58	Per Cubic metre			
3	Providing weep holes in brick/stone masonry/plain/reinforcement concrete work abutment, wing walls, return walls with 100 mm (one hundred millimetre) dia VC pipe extending through the full width of the structure with slope of 1(v) 20(H)(one Twenty(H) (Horizontal) toward drawing face complete as per drawing and technical specification clause 614, 709, 1204.3.7. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	66.00	Each			
4	Back filling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (One Thousand Two hundred point three point Eight) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	44.16	Per Cubic metre			
	Total :-					

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SCHEDULE OF QUANTITY

Name of work:- A/R & M/O to Banog Kheri road km 0/0 to 39/0 (SH:- Construction of Balance work Breast wall at RD
15/107 to 15/154)

Estimated cost :- Rs :- 4,50,424/-
Earnist Money:- Rs:- 10,000/-
Time:- Two Months.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement four sand: eight crushed aggregates) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	114.95	Per Cubic metre			
2	Providing weep holes in brick/stone masonry/plain/reinforcement concrete work abutment,wing walls,return walls with 100 mm (one hundred millimetre) dia VC pipe extending through the full width of the structure with slope of 1(v) 1:20 I(V) 20(H)(one Twenty)(H) (Horizontal) toward drawing face complete as per drawing and technical specification clause 614,709,1204, 3.7. including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge.	41.00	Each			
Total :-						

Signature of the contractor with full address

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SCHEDULE OF QUANTITY

Name of work:- Repair of Forensic department in old Arts block PG degree college now a part of DYSPGMC Nahan (SH:- Providing and laying linolium covering to floor)

Estimated Cost:- Rs 3,28,402/- only
Earnest money:- Rs 7,000/- only
Time:- Two Months

Sr.No	Sub Head and item of work	Qty	Unit	Rate		Amount
				Figure	Words	
1	Providing and laying linolium covering to floor, plain or coloured laid with an approved adhesive on sub floor including cutting and fixing complete to sub floor including damp proofing treatment (damp proofing treatment to be measured separately for payment.) 3.2 (three point two)mm to 4.5 (four point five)mm thick including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	266.56	Per Square metre			

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Nahan Division,
HP, PWD, Nahan.

95

SCHEDULE OF QUANTITY

Name of work:- Repair of Roof of Principal office building at Dr. Y.S.P.M.C. & hospital, Nahan (SH :- Providing and laying water proofing treatment & miscellaneous work)

Estimated cost :- Rs :- 4,99,566/-
Earnest Money:- Rs:- 10,000/-
Time:- Two Months.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Providing and laying water proofing treatment with bitumen felt over roofs consisting of first course of blown bitumen 85/25 or 90/15 conforming to IS : 702 applied hot @ 1.45 Kg per square metre of area for each course, second course of roofing felt type 3 grade-I (hessian based self finished bitumen felt) including preparation of surface with integral cement based treatment for 22.8.1 Bitumen felt (hessian base) type 3 grade I conforming to IS : 1322 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	720.00	Per Square metre			
2	Demolition of brick work above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres. lead. in cement mortar including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	1.94	Per Cubic metre			
3	Half brick masonry in 2nd class common burnt clay building bricks in super structure in cement mortar 1:4 (1 cement : 4 sand) up to floor all level including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	3.26	Per Square metre			
4	15mm (fifteen millimetre) cement plaster in single coat on rough side of brick/concrete/stone wall for interior plastering upto floor all level including arises, internal rounded angles, chamfers and or rounded angle in all girth & finished even & smooth on rough side with cement mortar 1:4 (one cement : four sand) upto all floor level including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	16.22	Per Square metre			

5	Providing and fixing aluminium work for doors, windows, ventilators and partitions 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. (Glazing, paneling and dash fasteners to be paid for separately) For shutters of doors, windows & 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 separate including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	176.19	Per Kilogram		
6	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic rate With float glass panes of 4.0 mm thickness (weight not less than 10 kg/ sqm including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	6.57	Per Square metre		
7	Providing and fixing 12 mm thick prelaminated particle board 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 and including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	0.70	Per Square metre		
8	Providing and fixing anodised aluminium sliding door bolts anodised transparent or died to required shade and colour with bolts, nuts and screws etc. (a) 250 X 16 mm including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	1.00	Each		
9	Providing and fixing anodised aluminium Tower bolts anodised transparent or died to required shade and colour with bolts, nuts and screws etc. (a) 250 X 10 mm including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	16.00	Each		

10	Providing and fixing anodised aluminium handels anodised transparent or died to required shade and colour with bolts,nuts and screws etc. 125 mm including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	9.00	Each			
11	Providing and fixing brass hydraulic door closer with bolts,nuts and screws etc. including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	4.00	Each			
12	Providing and fixing aluminium grill in aluminium work complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	9.58	Per Square metre			
13	Providing and fixing satinless steel wire mash shutter in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic rate With float glass panes of 4.0 mm thickness (weight not less than 10 kg/ sqm including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	4.83	Per Square metre			
	Total:-					

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Executive Engineer,
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HP,PWD, Nahan.

Schedule of Qauantity

Name of work:- Repair work of Dr.YSPGMC Nahan(SH):-Repair along Sewerage system between OPD & LT-2)

Estimated Cost:-4,81,500/-only
Earnest Money:-10,000/- only
Time allowed:- Two months

Sr.No	Sub Head and item of work	Qty	Unit	Rate In		Amount
				figure	Words	
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal, dressing of sides and bottom and back filling in trenches with excavated suitable material, including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	15.75	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:6:12(one cement is to six sand is to twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	1.57	Per Cubic metre			
3	Brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:4 (One cement is to four sand) Second Class Bricks including carriage of materials through all modes of transportation with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	10.00	Per Cubic metre			
4	15mm (fifteen millimetre) cement plaster in single coat on rough side of brick/concrete/stone walls of interior plastering upto floor two level including arrises, internal rounded angles, chamfers & rounded angles not exceeding 80mm in (eighty millimetre) grith finished even and smooth in cement mortar 1:6 (One cement is to six sand) as per HP.PWD., specification volume-I (one)including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	43.50	Per Square metre			
5	Providing and laying Cement Concrete 1:1.5:3(one cement: one point five sand: three graded stone aggregate 20mm(twenty millimetre) nominal size)mechanical mixed and vibrated and curing complete excluding cost of form work and reinforcement for reinforced concrete work in a) Foundation, footings bases of columns and the like and mass concrete. including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	1.57	Per Cubic metre			
6	Providing mild steel/Tor steel reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level : Tor Steel including all leads, lifts and carriage of materials, including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	88.00	Per Kilogram			

	Constructing manhole with R.C.C. top slab in 1:2:4 mix (One cement is to two approved sand is to four graded stone aggregate 20mm (twenty millimetre) nominal size) foundation concrete 1:4:8 (one cement is to four sand is to eight graded stone aggregate 40mm nominal size) inside plastering 15mm (fifteen millimetre) thick with cement mortar 1:3 (one cement is to three approved sand) finished with a floating coat of neat cement & making channels in concrete 1:2:4 mix (One cement is to two approved sand is to four graded stone aggregate 20mm (twenty millimetre) nominal size) finished smooth complete including curing & testing inside size 800 x 800 x 500mm (eight hundred into eight hundred into five hundred millimetre) deep including C.I. cover with frame (Light duty single seal pattern) 455mm x 610 mm (four hundred fifty five millimetre into six hundred ten millimetre) internal dimensions total weight of cover and frame to be not less than 38 Kg (thirty eight kilogram) (Weight of cover 23Kg(twenty three kilogram) and weight of frame 15 Kg (fifteen kilogram) with 200mm (two hundred millimeter) thick wall of brick masonry using common burnt clay building bricks in cement mortar 1:3 (one cement is to three approved sand) as per HP.PWD., specification Volume-I (one) including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	5.00	Each			
8	Providing form work with steel plates 3.15mm (Three decimal one five millimeter) thick welded with angle iron in frames 30x30x5mm (Thirty into thirty into five millimeter) , so as to give a fair finish including centring, shuttering, strutting and propping etc. with wooden battens & ballies, height of propping and centring below supporting floor to ceiling not exceeding 4.00 mtrs (four meters) & removal of the same for in-situ reinforced concrete & plain concrete work as per HP.PWD., specification 1990 volume-I (One) including carriage of all labour equipments & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge in flat surface such as soffits of suspended floors, roofs, landings and the like floors etc.	7.42	Per square meter			
9	Providing and fixing on wall faces PVC (D-Plast) rain water pipes including filling the joints with approved adhesive complete including all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge. 150mm dia	40.00	Per Running metre			
10	Providing and fixing precast chequered tiles specified sizes laid in floor, tread step and landing on a bed of 25 mm average thickness of cement mortar 1:6 jointed with neat cement slurry including rubbing and polishing complete with approved shades including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	193.00	Per square metre			

41	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 nominal mix C.C. 1:4:8 (one cement is to four sand is to eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	28.95	Per Cubic metre		
	Total :-				

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