

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 20.1.2022 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 20.1.2022.

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/O office building Assistant Registrar Cooperative Society Nahan Distt. Sirmour (HP). (SH:- R/O Misc. works)	4,98,939/-	10,000/-	02 Month	350/-
2	C/O L/R to Village Devka purla from Banog Kheri road Km.0/0 to 3/705.(SH:_F/C at RD.1/795 to 2/095)	4,99,470/-	10,000/-	02 Month	350/-
3	C/O boundary wall a/w mild steel gate for newly constructed Type-II qtr. Of Dy. Director Horticulture at Nahan.	3,15,233/-	6,310/-	02 Month	350/-
4	A/R & M/O Jhameria Ramadhon road m.0/0 to 26/300.(SH:-C/O R/wall at RD.22/260 to 22/280)	4,83,520/-	9,700/-	02 Month	350/-
5	R/R damages on L/R Kanyonghat Sher Reshla Roj Bendli road Km.0/0 to 18/500.(SH:_R/O slips)	4,47,817/-	9,000/-	02 Month	350/-
6	C/O road from main road Burma papri Palion Bhogpur Simbalwala to all 04 villages of of Gumti to Gumti bus stand Km0/0 to 6/570. (SH:-F/C at RD.2/690 to 3/510)	4,97,481/-	10,000/-	02 Month	350/-
7	C/o salani Tedi Baroti Trilokpur road m.0/0 to 5/555.(SH:-C/O 4.00 mtrs. Span RCC slab culvert at RD.3/030)	4,98,378/-	10,000/-	02 Month	350/-
8	C/o palion Gumti road Km.0/0 to 3/0.(SH:_C/O 2.00 mtr. Span RCC slab culvert at RD.0/165)	4,99,168/-	10,000/-	02 Month	350/-
9	R/R damages on Shambhuwala to Kun Nehrla road Km.0/0 to 7/040.(SH:-C/O R/wall at RD.1/710 to 1/722)	4,39,310/-	8,800/-	02 Month	350/-
10	R/R damages on Shambhuwala to Kun Nehrla road Km.0/0 to 7/040.(SH:-C/O R/wall at RD.1/724 to 1/734)	4,33,712/-	8,700/-	02 Month	350/-
11	C/o L/R Bhandariyon ki Nero. (SH:-C/O bal. work of foot bridge)	4,99,946/-	10,000/-	02 Month	350/-
12	C/O Shambhuwala Kun Nehrla road Km.0/0 to 7/040.(SH:-C/O RCC slab culvert Makdwali side at RD.0/045)	4,99,743/-	10,000/-	02 Month	350/-
13	R/O ITI building Nahan. (SH:-Repair to plaster in patches & weather proof exterior emulsion paint etc.)	4,99,694/-	10,000/-	02 Month	350/-
14	A/R & M/O Jhameria Ramadhon road m.0/0	4,93,932/-	10,000/-	02 Month	350/-

	to 26/300.(SH:-C/O R/wall at RD.22/8/070 to 8/100).				
15	A/R & M/O banog Kheri road Km.0/0 to 39/0. (SH:-C/O R/wall & road side drain at RD.33/105 to 33/350)	4,99,055/-	10,000/-	02 Month	350/-
16	R/R damages on L/R under Gram panchayat Banethi.(SH: Hiring of Excavator-cum-Loader for removal of slips & maintenance of road) under D.C. deposit.	99,000/-	2,000/-	01 Month	350/-
17	R/R damages on Shambhuwala to Matar Bhedon road Km.0/0 to 7/120. (SH:-C/O L/side U-shape drain at RD.0/075 to 0/258)	4,94,037/-	10,000/-	02 Month	350/-
18	R/R damages on Nahan Jabal ka bag road m.0/0 to 5/0.(SH:-C/O R/wall at RD.1/875 to 1/885 & 2/560 to /575)	4,99,699/-	10,000/-	02 Month	350/-
19	A/R & M/o NDH road Km.9/0 to 36/0.(SH:-P/L patch work in Km.33/0 to 36/0)	4,98,885/-	10,000/-	01 Month	350/-
20	R/O NICU & PICU in DYSPMC Nahan.(SH:-P/F aluminium partition, fittings in wards & other Misc. works in toilets)	4,90,213/-	10,000/-	02 Month	350/-
21	C/O Additional new block for boys & girls in GPG Degree college at Nahan. (SH:-P/L Kota stone flooring & finishing work etc.)	4,99,907/-	10,000/-	02 Month	350/-
22	A/R & M/o NDH road Km.0/0 to 36/0.(SH:-P/L paver block at RD. 16/720 to 16/805)	4,77,795/-	9,600/-	01 Month	350/-
23	Improvement of L/R Bohlion Jogiban Km.0/0 to 1/600.(SH:-P/F plastic road studs/cat eyes & installation of delinators at various location in Km.0/0 to 1/660)	4,98,250/-	10,000/-	01 Month	350/-
24	A/R & M/O various road of PMGSY.(SH: P/F PMGSY logo & maintenance sign boards)	4,98,500/-	10,000/-	02 Month	350/-
25	Installation of PSA Oxygen plant in Dr. YSPGMC Nahan.(SH: C/O civil work)	4,99,533/-	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-

8774 83

Dated:-12th 01/2022

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.

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SCHEDULE OF QUANTITY

Name of work:-Repair of office building Assistant Registrar Cooperative Society Nahar Distt. Sirmour HP (SH) :-Repair of miscellaneous works)

Estimated cost :- Rs.4,98,939 /-only

Earnest Money:- Rs.10,000 /-only

Time:- Two Months

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Demolition above G.L. upto floor two level including disposal of unserviceable material within all lead including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge RCC Work.	11.58	Per Cubic metre			
2	Half brick masonry in common burnt clay building bricks in Cement Mortar 1:4 (one cement four 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.	4.16	Per Square Metre			
3	Providing and laying cement concrete work 1:1.5:3 (one cement one & half sand three graded crushed stone aggregate 20mm (twenty millimetre) nominal size with mechanically mixed & vibrated and curing complete excluding cost of form work and reinforcement for reinforced concrete work including carriage of materials with in all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge. (a) Foundation footing, bases of column and the like and the mass concrete	0.58	Per cubic metre			
4	Providing for 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 For steel	52.20	Per Kg			
5	15mm Cement plaster in single coat on the rough side of brick/ concrete/stone walls for interior plastering upto floor two level including arrises, internal rounded angles, chamfers and/or rounded angles not exceeding 80mm in girth and finished even and smooth. Cement Mortar 1:6 (one Cement is to six Sand) including carriage of materials with in all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge.	43.04	Per Square Metre			
6	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.	0.815	Per cubic metre			
7	Providing & fixing 40mm (forty millimetre) thick second class deodar wood work for wire gauge shutters using galvanised mild steel wire gauge of I.S gauge designation 85G with wire of dia 0.56 mm (Zero point five six millimetre) for doors, windows & clerestory windows including bright finished black enamelled iron hinges with necessary screws 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.	34.89	Per square metre			
8	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.	12.17	Per square metre			
9	White glazed tiles 6 mm thick in skirting risers of steps and dado 12 mm thick cement mortar 1:3 (1	17.28	Per			

10	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary. Plain Glass, 4(four) mm thick 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.	21.50	Per Square metre		
11	P/F 12 mm thick prelaminated board both side bwp phenol bonded exterior /interior grade panelled shutters with frame of first class deodar wood for doors including bright finished/black enamelled iron butt hinges with necessary screws 40(forty) mm thick frame including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	3.15	Per Square metre		
12	Providing and fixing 19mm (nineteen millimetre) thick water proof termite resistant commercial board for shutter of cup board of the shelves shall be finished with 6mm (six millimetre) thick hard wood edging the shutter of cup board from all sides shall also be finished with 6mm/12mm (six /twelve millimetre) thick hard wood edging. All visible edges of commercial board to be finished with 6m (six millimetre) thick hard wood edging including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	5.04	Per square metre		
13	Providing and fixing CGI sheet chaja fixed with iron frame 35x35x35 mm and MS sheet in soffits and bottom and front position in chaja with bolt and nuts complete including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	28.80	Per Running metre		
14	Providing and fixing 10mm thick anti skid water proof stain and impact resistant heavy duty vetrified tiles Nitco or equivalent 600x600mmx10mm manufactured of approved shade and colour in flooring, treads of steps and landings laid over 12mm thick cement mortar 1:3 (1 cement : 3 sand) jointed with cement slurry mixed with pigment to match the shade of tiles as required complete 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.	66.00	Per Square metre		
Total :-					

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Executive Engineer,
 HP.PWD., Division
 Nahan.

Name of Work: -C/O link road to village Devka Purta from Banog Kheri road Km 0/0 to 3/705 (SH :-Formation cutting at RD 1/795 to 2/085)

SCHEDULE OF QUANTITY

Estimated Cost:- Rs 4,99,470/- only
Earnest money:- Rs. 10,000/- only
Time:- Two months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in figure	Rate in word	Amount
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 120.65 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.	3912.81	Per Cubic metre			

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Executive Engineer
Nahan Division,
HP,PWD, Nahan.

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SCHEDULE OF QUANTITY

Name of work:- Construction of boundary wall alongwith mild steel gate for newly constructed Type-III Quarter of Deputy Director Horticulture at Nahan.

Estimated cost :- Rs.3,15,233 /-only

Earnest Money:- Rs.6,310 /-only

Time:- Two Months

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Excavation in foundation and trenches in earth work in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting out to required lines, levels as shown on the drawing and directed by the Engineer -in-charge including all leads, lifts & carriage of materials, as per the entire satisfaction of the Engineer-in-Charge.	10.49	Per Cubic metre			
2	Providing & laying cement concrete Mechanically mixed & Vibrated 1 : 4 : 8 (One cement : four sand : eight graded crushed stone aggregate 20 mm (twenty millimetre) nominal size) for plain/ reinforced concrete work in open foundation complete as per drawing & technical specification clauses 802, 803, 1202 & 1203 including cost of form work & curing complete including all leads, lifts & carriage of materials, as per the entire satisfaction of the Engineer-in-Charge.	8.77	Per cubic meter			
9	Brick work second class using common burnt clay building bricks in foundation & plinth 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.	20.69	Per Cubic metre			
4	Providing and fixing mild steel grills of required pattern in frames of steel windows etc. with mild steel flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc. including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.	247.00	Per kilogram			
5	15mm (fifteen millimeter) cement plaster on the rough side of single or half brick wall of mix : 1 : 4 (one cement : four fine sand) complete including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.	81.61	Per square metre			
6	Providing & applying plaster of paris putty of 2 mm (two millimetre) thickness over plastered surface to prepare the surface even & smooth complete including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.	81.61	Per square metre			
7	Finishing walls with Acrylic smooth exterior paint with of required shade new work (two or more coat) applied @ 1.87 litre/10 Sqmt (one point six seven litre per ten square metres) over & including priming coat of exterior primer applied @ 2.20 Kg /10 Sqmt (at the rate two point two zero kilogram per ten square metre) including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.	81.61	Per square metre			
8	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10sqm(zero point nine zero litre per ten square meter) over an under coat of primer applied @ 0.80 ltr/ 10sqm(zero point eight zero litre per ten square meter) of approved brand and manufacture complete including carriage of materials in all leads and lifts and as directed by the Engineer in Charge.	15.56	Per square metre			

9	Chequerred precast cement concrete tiles 22 mm (twenty two milimetre) thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing & cleaning etc. complete, on 20 mm (twenty milimetre) thick bed of cement mortar 1 : 4 (One cement : four coarse sand) ; Light shade pigment using white cement, including all leads, lifts, carriage of materials & to the entire satisfaction of the Engineer-in-Charge	64.51	Per square metre			
10	Steel work in single sections including cutting, hoisting, fixing in position and applying a priming coat of red lead paint with in all leads and lifts as per the direction of Engineer-in-charge, in R.S Joists, channels, angles, tees & flats including all leads, lifts, carriage of materials & to the entire satisfaction of the Engineer-in-Charge	2.26	Per Quintal			
	Total					

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 Executive Engineer,
 HP PWD, Division
 Nahan.

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SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Jhameria Ramadhon road Km 0/0 to 26/300(SH-C/O R/Wall at RD 22/260 to 22/280)

Estimated cost :- Rs.4,83,520/-only

Earnest Money:- Rs.9,700/-only

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 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.	41.25	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.	115.20	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.	25.20	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.	52.00	Each			
	Total :-					

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 Executive Engineer,
 HP.PWD., Division
 Nahan.

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on link road Kanyon ghat Sher Reshla Raj Bendli road Km 0/0 to 18/500 (SH:- Removal of slips)

Estimated Cost:- Rs 4,47,817/- only
Earnest money:- Rs 9,000/- only
Time:- Two Months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in figure	Rate in word	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slopes and disposal of cut material with all lead and lift 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.	6219.68	Per Cubic metre			

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Executive Engineer,
HP.PWD., Division
Nahan.

6

Name of Work:-C/O road from main road Burma Pali Pali Bhopur Simbalwala to all four villages of Gumti to Gumti bus stand Km 0/0 to 6/570(SH :-Formation cutting at RD 2/690 to 3/510)

SCHEDULE OF QUANTITY

Estimated Cost:- Rs.4,97,481/- only
Earnest money:- Rs. 10,000/- only
Time:- Two months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in figure	Rate in word	Amount
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 out 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 104.88 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.	3496.00	Per Cubic metre			

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Executive Engineer
Nahan Division,
HP,PWD, Nahan.

7

Schedule of Quantity

Name of work:- C/O Salani Tedi Baroti Trilokpur road Km 0/0 to 5/555(SH- C/O 4.00 mtrs. Span RCC slab culvert at RD 3/030)

Estimated Cost:-4,98,378/-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 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.	146.11	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 1:3:6 (one cement is to three sand is to six graded stone aggregate) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	7.80	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.	75.00	Per Cubic metre			
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.	15.00	Per Cubic metre			
5	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.	30.00	Each			
Total:-						

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Executive Engineer,
 HP.PWD., Division
 Nahan,

8

Schedule of Quantity

Name of work:- C/O Pation Gumti road Km 0/0 to 3/0(SH:- C/O 2.00 mtrs.span RCC slab culvert at RD 0/165)

Estimated Cost:-4,99,168/-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 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.	66.33	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 1:3:6 (one cement is to three sand is to six graded stone aggregate) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	6.24	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.	78.00	Per Cubic metre			
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			
5	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:-Restoration of rain damages on Shabhuwala to Kun Nehra road Km 0/0 to 7/040(SH:-C/O R/Wall at RD 1/710 to 1/722)

Estimated cost :- Rs.4,39,310/-only

Earnest Money:- Rs.8,800/-only

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 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.	38.88	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.	108.00	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.	18.72	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.	20.00	Each			
Total :-						

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Executive Engineer,
HP PWD, Division
Nahan.

SCHEDULE OF QUANTITY

Name of work-Restoration of rain damages on Shabhuwala to Kun Nehria road Km 0/0 to 7/040(SH-C/O R/Wall at RD: 1/724 to 1/734)

Estimated cost > Rs.4,33,712/-only

Earnest Money:- Rs.8,700/-only

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 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	34.80	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.	108.75	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.	11.70	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.	20.00	Each			
Total :-						

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Executive Engineer,
HP PWD., Division
Nahan.

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Schedule of Quantity

Name of work:- C/O L/R Bhandariyon Ki Nero(SH:- C/O balance work of foot bridge)

Estimated Cost:-4,99,946/-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	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.	16.93	Per Cubic metre			
2	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.	2.420	Per Tonne			
3	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.	3.34	Per Quintal			
4	Painting two coats (excluding priming cost on new steel and other metal surfaces with enamel paint brushin to give an even shade including cleaning the surface of all dirt, dust and other foreign matters :- Enamel paint other than white. including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	47.70	Per Square 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, four sand: eight crushed aggregates) including carriage of materials with in all leads, lifts and other incidents complete as per entire satisfaction of the Engineer-in-charge.	30.00	Per Cubic metre			
6	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10(ten) percent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	22.75	Per Cubic metre			
	Total:-					

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 Executive Engineer,
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 Nahan.

Schedule of Quantity

Name of work:-C/O Shabhuwala Kun Nehra road Km 0/0 to 7/040(SH:- C/O RCC slab culvert Makdwal side at RD 0/045)

Estimated Cost-4,99,743/-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 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.	64.79	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 1:3:6 (one cement is to three sand is to six graded stone aggregate) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	4.95	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.	41.25	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.	1.233	Per Tonne			
6	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification clause 1303, including all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	2.88	Per Cubic metre			
7	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.	7.13	Per Cubic metre			
8	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.	14.00	Per Cubic metre			
9	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			

10	Construction of embankment with approved material obtained from borrow pits transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 as per technical Specification Clause 301.5 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.	19.80	Per Cubic metre			
Total:-						

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 Executive Engineer,
 HP.PWD., Division
 Nahan.

SCHEDULE OF QUANTITY

Name of work:-Repair of ITI building Nahan (SH :-Repairs to plaster in patches & Weather proof exterior emulsion paint etc.)

Estimated Cost:-4,89,694/-only
Earnest Money:- 10,000/- only
Time allowed - Two months

Sr No	Sub Head/Item of works	Quantity	Unit	Rate in figure	Rate in word	Amount
1	Dismantling doors, windows and clerestory windows, ventilators etc. (wood or steel) shutters including chowkhats, architraves, hold fasts and other attachments etc. complete and stacking them within 20 metres lead. Not exceeding 3 sq.m in area including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	2.00				
2	Repairs to plaster in patches of 2.50 Sqm and under and 10 to 15 mm thick including cutting the patch in proper shape and replastering the surface of the wall including disposal of rubbish to the dumping ground within a Lead of 20 metres with:- Cement Mortar 1:5 (1 Cement : 5 Sand) including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	725.70				
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.	2419.00				
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.	2419.00				
5	Applying priming with cement primer coat on new concrete/Masonry/ asbestos 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 incidentals complete as per entire satisfaction of the Engineer-in-Charge.	2419.00				
6	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.	798.72				
	Total :-					

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Executive Engineer
Nahan Division
HPPWD, Nahan

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Jhameria Ramadon road Km 0/0 to 26/300(SH:-C/O R/Wall at RD 8/070 to 8/100)

Estimated cost :- Rs.4,93,932/-only

Earnest Money:- Rs.10,000/-only

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 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.	48.75	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.	114.30	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.	36.00	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.	54.00	Each			
Total :-						

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HP.PWD., Division
Nahan.

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SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Banog Kheri road Km 0/0 to 39/0(SH -C/O R/Wall & road side drain at RD 33/105 to 33/350)

Estimated cost :- Rs.4,99,055-only

Earnest Money:- Rs.10,000/-only

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 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.	80.85	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 six sand: twelve aggregates 40mm nominal size) including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	24.60	Per Cubic metre			
3	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Nominal mix 1:3:6 (one cement isto three sand isto six graded stone aggregate) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	62.87	Per Cubic metre			
4	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.	26.50	Per Cubic 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.	8.00	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.	12.00	Each			
Total :-						

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 Executive Engineer,
 HP.PWD., Division
 Nahan.

16

Schedule of Quantity

Name of work:- Restoration of rain damages on link road under Gram Panchayat Banethi (SH) - Hiring of excavator cum loader for removal of slips & maintenance of road) under DC deposit

Estimated Cost:- Rs.99,000/- Only
Earnest money:- Rs.2,000/- Only
Time:- One Month

Sr.No	Sub Head and item of work	Qty	Unit	Rate		Amount
				Figure	Words	
1	Hiring of Excavator Cum loader for Formation Cutting/ excavation of earth work in all kinds of soil/ removal of slips in all depths and heights including saturated soil and disposal of surplus soil with in all leads and lifts as per direction of the Engineer-in- Charge and making surface smooth including P.O.L. Charges and other expenses etc also including carriage of machinery and Labour upto all leads, lifts etc.	110.00	Per hour			

Note - The cost of P.O.L. charges wear and tear of machinery salary and livery charges of operator and cleaner and repair of machinery etc, shall be born by the contractor himself and nothing will be paid for the same.

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HP, PWD, Nahan.

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Schedule of Quantity

Name of work:- R/R damages on Shambhuwala to Matter Bhedon road Km 0/0 to 7/120(SH -C/O U/Side U-Shape drain at RD 0/075 to 0/258)

Estimated Cost:-4,94,037/-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.	85.09	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in foundation complete as per drawing and technical specification clause 802.803, 1202 1203 in RCC 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.	36.59	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.	3.293	Per Tonne			
	Total:-					

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HP PWD, Division
Nahan.

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SCHEDULE OF QUANTITY

Name of work:- R/R damages on Nahana Jabal Bag road Km 0/0 to 5/0(SH-C/O R/Wall at RD 1/875 to 1/885 & 2/560 to 2/575)

Estimated cost :- Rs.4,99,699/-only
 Earnest Money:- Rs.10,000/-only
 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. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	40.50	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.	120.60	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.	30.00	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.	33.00	Each			
Total :-						

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Executive Engineer,
 HP.PWD.. Division
 Nahana.

SCHEDULE OF QUANTITY

Name of work:-A/R & M/O Nahan Dadahu Haripurhar road km 9/0 to 36/0 (SH.-Providing and laying patch work in Km 33/0 to 36/0)

Estimated cost :- Rs.4,98,885/-only
Earnest Money:- Rs.10,000 /-only
Time:- One Month.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Providing and applying priming coat with paving bitumen of VG10 graded conforming to IS:73 to be applied by heating in oil fired and self propelled or towed bitumen boiler and spraying the material uniformly with pressure sprayer at the rate of 0.275 (zero point two seven five) kg per sqm on prepared dry and hungry bituminous surface cleaned with hydraulic broom as per PWD technical specification including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1835.00	Per Square metre			
2	Providing, laying and rolling of open graded premix carpet of 20 mm (twenty millimetre) thickness composed of 13.2mm(thirteen point two millimetre) to 5.6 mm (five point six millimetre) aggregates either using penetration grade bitumen for emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheeled 80-100kn (eighty to hundred) static roller capacity, finished to required level and grades to be followed by seal coat of Type B as per Technical specification clause 508 Bitumen (S-90) (S- Ninety) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1835.00	Per Square metre			
3	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type-B as per Technical Specification Clause 510 (Five hundred ten). Bitumen (S-90) (S- Ninety) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1835.00	Per Square metre			
4	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density grading-3(three) as per Technical Specification Clause 405 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 :-					

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Executive Engineer
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 Nahan.

SCHEDULE OF QUANTITY

Name of work - Repair of NICU & PICU in DYSPMC Nahan (PF Aluminium partition, fittings in wards & other misc work in toilets)

Estimated cost :- Rs.4,90,213/-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 anodised aluminium work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, straight, mited and jointed mechanically where ever required including cleats, angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws as per Architectural drawings and as per HP. PWD specifications of 1990 volume-1 including carriage of materials, labour, tool and plant through all modes of transportation within all leads and lifts and as per direction of Engineer-in- Charge For doors, windows and ventilators and glazed partitions frames.	352.02	Per Kilogramme			
2	Providing and fixing 12 mm thick pre-laminated board both side bwp phenol bonded exterior/interior grade panelled shutters with frame of first class deodar wood for doors including bright finished/black enamelled iron butt hinges with necessary screws 40 mm thick frame including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge	12.80	Per Square metre			
3	Supplying and fixing glass panes with putty and nails including removal of broken glass panes wherever necessary Plain glass 4mm thick including carriage of materials with in all leads/lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	17.99	Per square metre			
4	Providing and fixing stainless steel wire mesh shutters in aluminium doors, windows, ventilators shutters and partitions etc. with PVC neoprene gasket etc. complete as per architectural drawings and and the direction of Engineer - in - charge (Cost of aluminium snap beading shall be paid in basic items) as per HPPWD Specification 1990 volume -1 (One) including carriage of all labour equipments and materials to various location through all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	4.04	Per Square metre			
5	Providing and fixing aluminium tower bolts (berrel type) anodized transparent or dyed to required shade and colour with screws etc. complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge 300x10mm	34.00	Each			
6	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge 125 mm	28.00	Each			
7	Providing and fixing anodized aluminium sliding door bolt anodized colour and shade with bolts and nuts screws etc. complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge 300x16mm	19.00	Each			
8	Providing and fixing 100mm bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge	8.00	Each			
9	Providing and fixing double action hydraulic floor spring of approved brand and manufacture (conforming to IS-6315) for aluminium door including cost of cutting floor as required embedding in floors and cover plates etc. complete as per the direction of Engineer-in-Charge including making good the floors 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			
10	Providing and fixing brass hydraulic door closure with necessary nut bolts and screws all complete 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	8.00	Each			
11	Providing and fixing bright finished hard drawn hooks and eyes including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge 250 mm	28.00	Each			
12	Providing and fixing C.P. brass angle valve 15mm without nuts and pipe including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge	13.00	Each			

13	Providing and fixing P.V.C connection with brass unions :- 300/450mm length :- 15mm nominal bore including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	12.00	Each		
14	Providing and fixing C/P Brass Pillar Tap with capstan head :-15mm(Fifteen millimeter) dia including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	4.00	Each		
15	Providing and fixing vitreous china wash basin with single hole for pillar tap with C.I. or M.S brackets painted white including cutting holes & making good the same but excluding fittings 630mm x 450mm (six hundred thirty into four hundred fifty millimeter) 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		
16	Providing and fixing cast iron floor trap of self cleaning desion with sand cast iron screwed down or hinged grating with out vent arm complete including cost of cutting and making goods the walls and floors :- 100mm nominal diameter including all fittings 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		
17	Providing and fixing 110mm nominal diameter grating for gully,floor of Nahni trap complete including cost of cutting and making goods the walls and floors :- including all fittings including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge	6.00	Each		
18	Providing and fixing 32mm(Thirty Two millimeter) dia C/P Brass waste for wash basin or sink including brass check nut including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	4.00	Each		
19	Providing and fixing 32mm dia. Lead water pipes for wash basin or sink including all leads, lifts and carriage of materials and other including charges complete as per entire satisfaction of the Engineer in charge.	4.00	Each		
20	Providing and fixing brass bib tap (Superior or heavy type) :-15mm dia including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge	6.00	Each		
21	Providing and fixing vitreous China water closet squatting pan (English type WC pan) including carriage of materials with in all leads, lifts and carriage of materials and other including charges complete as per entire satisfaction of the Engineer in charge.	2.00	Each		
22	Providing and fixing 10.0/12.50/15.00 litres vitreous China low level flushing cistern with a pair of C.I. or mild steel brackets, complete with fitting such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P. Brass handle, unions and couplings for connections with inlet, outlet and overflow pipes, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush beng with cistern and closet (overflow pipe to be measured and paid for separately).	2.00	Each		
23	Providing and fixing C.P. jet spray of approved quality and colour with 1.5 metre tube including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the 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	2.00	each		
24	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (Medium grade) tube fitting and clamps including making good the wall, ceiling and floor:- 15mm nominal bore including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	26.00	Per Running metre		
25	Providing and fixing on wall face PVC (D-Plast) rain water pipe including fitting of accessories and holder bat clamps. Working pressure of rain water pipe should not less than 4.50kg per square meter including filling the joints with approved adhesive complete (110 mm dia) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	32.00	Per Running metre		
26	Excavation in foundation and trenches in earth work in all heights and depths in all kinds of soils, including saturated soils comprising of pick work, jumper work and blasting work both in soft and hard rock with chiseling and wedging out of rock (where blasting is prohibited) and their intermediate classification of soils including, dewatering wherever required, setting out to required lines, levels as shown on the drawing 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.	3.10	Per Cubic metre		
27	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 Nominal mix, M-10(1:1.3:6 (one cement into three sand into six graded stone aggregate) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-	4.11	Per Cubic metre		

29	Providing and fixing 600mm x 450 mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete as per entire satisfaction of the Engineer-in-charge including all fittings including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	3.00	Each		
30	Providing and fixing C.P. Brass Towel rail complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws - 750mm x 20mm including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	3.00	Each		
31	Providing and fixing CP Brass towel ring complete including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	3.00	Each		
32	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws - including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	3.00	Each		
33	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete 110mm (One hundred ten 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.	8.00	Each		
34	Providing and fixing PVC collers ISI marked including fixing with approved adhesive etc. complete 110mm (One hundred ten 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.	8.00	Each		
35	Providing and fixing PVC fitting accessories - Tee ISI marked including fixing with approved adhesive etc. complete 110mm (One hundred ten 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.	6.00	Each		
36	Finishing wall with weather proof exterior grade emulsion of approved design(Apexulima) or its equalised on undecorated wall surface(two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	66.60	Per Square Metre		
37	Distemper (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.	58.00	Per square metre		
38	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.	124.00	Per square meter		
39	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.	124.00	Per square meter		
40	Providing and fixing PVC ceiling in roof complete including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	24.80	Per Square metre		

Checked By: Mr. _____
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 One Week _____
 Ending _____

Executive Engineer
 HP PWD, Division
 Narnaul

(2)

SCHEDULE OF QUANTITY

Name of work:- Construction of additional new block for boys & girls in G.P.G Degree College at Nahana (SH:- P/L Kota stone flooring & finishing work etc.)

Estimated Cost:- 4,99,907 /- only

Earnest Money:- 10,000/- only

Time allowed:- Two months

Sr No	Sub Headitem of works	Quantity	Unit	Rate in figure	Rate in word	Amount
1	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.	179.62	Per Square metre			
2	Providing and laying Jaislemer white marble flooring 20 mm thick & 75mm wide including carriage of materials with in all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge.	128.00	Per Running metre			
3	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.	2460.52	Per square metre			
4	Distemper (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	992.06	Per square metre			
	Total :-					

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 Over Writing
 Estimating
 Building

Executive Engineer
 Nahana Division
 HPPWD, Nahana

Schedule of Quantity

Name of work:-A/R & M/D Nahani Dadahu Haripurdhar road Km 0/0 to 36/0(SH :-P/L Paver block at RD 16/720 to 16/805)

Estimated Cost- Rs.4,77,785/-only

Earnest Money- Rs 9,600/-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 all lead 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.	8.99	Per Cubic metre			
2	Providing and laying of interlocking concrete block pavements having thickness 80mm (eighty millimetre) M-40(forty) grade and spreading 50mm (Fifty millimetre) thickness sand under neath and filling the joints with sand. including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	293.25	Per Square metre			
3	Providing concrete for reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 R.C.C. grade M- 20 Nominal mix (1:2:4) (one cement is to two sand is to four crushed stone aggregate) 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.	8.99	Per Cubic metre			
4	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 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.	0.494	Per Tonne			
	Total :-					

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Executive Engineer,
HP PWD, Division
Nahan.

23

SCHEDULE OF QUANTITY

Name of work :-Improvement of link road Bholon Jogiban Km 0/0 to 1/660/SH :-Providing and fixing plastic road studs/ cat eyes & nstallation of delinators at various location in Km 0/0 to 1/660/

Estimated cost :- Rs. 4,98,250/- only

Earnest Money :- Rs. 10,000/- only

Time allowed :- One month.

S. No.	Sub-head & item of works	Quantity	Unit	Rate		Amount
				Words	Figure	
1	Providing and fixing plastic road studs/ cat eyes of 3 m series to 290/ art No. C 1210 in yellow/ wide /red colour/ two way acrylic reflector/ micro prismatic lense) as per astm 4290 type H or equivalent fixed at site with suitable epoxy as per PWD Specification to including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	825.00	Each			
2	Providing and installation of delinators (road way indicators hazard makers , object markers 80-100 cm high above ground level , painted black and white in 15 cm wide strips, fitted with 80 x100 mm rectangular of 75 mm dia circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings including carriage of all labour equipments and materials to various location through all leads,lifts and other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	80.00	Each			
Total :-						

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Executive Engineer,
HP PWD., Division
Nahan.

2

SCHEDULE OF QUANTITY

Name of work :- A/R & M/O various road of PMGSY(SH:- Providing and fixing PMGSY logo & maintenance sign boards)

Estimated Cost -4,98,500/- only

Earnest Money - 10,000/- only

Time allowed:- Two months

Sr No	Sub Head/Item of works	Quantity	Unit	Rate in figure	Rate in word	Amount
1	Providing and fixing of typical PMGSY logo sign board as per MORD specifications and drawing. Diamond shape made of 3mm aluminium composed pannel sheet size 600mmx600 mm in retro reflectorised sheet as PMGSY designed and colour fixed on 25mm square pipe with intimation plate size 300mm x900mm fixed on MS pipe 47x47mm of 12 SWG steel tube fixed at site in cement concrete M15 grade blocks of 450X450X600mm below ground level including carriage of materials with all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge.	25.00	Each			
2	Providing and fixing of typical PMGSY maintenance sign board as per MORD specifications and drawing. rectangular shape made of 3mm aluminium composed pannel sheet size 900mmx1500 mm fully covered by retro reflectorised sheet as PMGSY designed with writing material fixed on 25mm square pipe fixed on MS pipe 75x75mm of 12 SWG steel tube frame size 1000x2950 mm complete as per drawing fixed at site in two Nos. cement concrete M15 grade blocks of 450X450X600mm below ground level including carriage of materials with all leads, lifts and other incidentals charges complete as per entire satisfaction of the Engineer-in-charge.	7.00	Each			
	Total :-					

Executive Engineer
Nahan Dainsoin
HPPWD, Nahan

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SCHEDULE OF QUANTITY

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

Estimated cost :- Rs.4,99,533/-only

Earnest Money:- Rs. 10,000/-only

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 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.	28.35	Per Cubic metre			
2	Providing and laying Cement Concrete 1:4:8 (one cement is to four sand is to eight crushed aggregates) complete as per drawings and technical specifications mechanical mixed and vibrated and curing complete including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	2.36	Per Cubic metre			
3	Providing and laying Cement Concrete 1:1.5:3 (one cement is to one point five sand is to three graded stone aggregate 20mm(twenty millimetre) nominal size)mechanical mixed and vibrated and curing complete work in 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.	2.39	Per Cubic metre			
4	Providing for 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	215.10	Per Kilogram			
5	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 trusses and trussed purlins in buildings including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	41.20	Per Quintal			
	Total					

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Executive Engineer,
 HP.PWD., Division
 Nahan.