

**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 15.6.2022 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 15.6.2022.

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	Improvement of Balsar Jhajjar road Km.0/0 to 17/125.(SH:-Imp. Of curves at RD.14/105 to 15/135)	4,99,118/-	10,000/-	02 Month	350/-
2	R/R damages on Khairwala to Dhangwala road Km.0/0 to 3/500.(SH:-C/O 900mm dia hume pipe culvert at RD.1/405 & R/wall at RD.1/130 to 1/157)	4,34,359/-	9,000/-	02 Month	350/-
3	A/R & M/o majri Burma papri road Km.0/0 to 5/0 & Palion to Andheri road Km.0/0 to 4/0.(SH:-M/O earthen shoulder filling with fresh selected soil).	4,99,533/-	10,000/-	02 Month	350/-
4	C/O L/R Chunjar Jodi to Chamla Km.0/0 to 5/0.(SH:-F/C at RD.1/815 to 2/715)	4,98,914/-	10,000/-	02 Month	350/-
5	A/R & M/o NDH road Km.0/0 to 36/0.(SH:-C/O U shape road side drain at RD.34/500 to 34/600)	4,99,667/-	10,000/-	02 Month	350/-
6	A/R 7 M/o Panjahal to Chai Mehdog road Km.0/0 to 3/525. (SH:-C/O wire crate R/wall at RD.3/300 to 3/322)	4,92,196/-	10,000/-	02 Month	350/-
7	Preparation of DPR detailed estimate/working estimate on detailed analysis of rate of various works under Nabard & building estimates under Nahan division)	3,46,500/-	8,670/-	02 Month	350/-
8	R/O HSC building at Dharkayari, (SH:-P/F steel work & other Misc. repair works etc.)	4,74,046/-	9,500/-	02 Month	350/-
9	R/O HSC building at Rama.(SH:- C/O R/wall & B/wall)	4,75,465/-	9,600/-	02 Month	350/-
10	C/O L/r Kanyonghat to Sher Reshla Roj Bendli Km.0/0 to 18/500.(SH:- Imp. Of curves at RD.7/615 to 8/350)	4,99,766/-	10,000/-	02 Month	350/-
11	C/O L/R Village Shyampur Km.0/0 to 2/300.(SH:-5/7 mtrs. Wide F/C at RD.1/300 to 1/570)	2,49,180/-	5,000/-	02 Month	350/-
12	C/O L/R Village Shyampur Km.0/0 to 2/300.(SH:-C/O 900mm dia RCC HPC at Rd.0/720)	2,48,510/-	5,000/-	02 Month	350/-
13	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/-
14	A/R & m/o Shambhuwala Bankala Rakhni road Km.0/0 to 5/795. (SH:-C/O B/wall both side at RD.4/655 to 4/715)	4,99,545/-	10,000/-	02 Month	350/-
15	C/O L/R Chassi Dobghat Dholsari Jangla Bhud Maidhar Lehi Km.0/0 to 9/0.(SH:-ROFD at various RDs from Km.5/625 to 9/0)	4,62,806/-	10,000/-	02 Month	350/-
16	C/O L/R Chassi Dobghat Dholsari Jangla Bhud Maidhar Lehi Km.0/0 to 9/0.(SH:-C/O 4.00m mtr. Span slab culvert at RD.8/410)	4,99,548/-	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.8/495 to 8/680)	4,99,358/-	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- 2666-78

Dated:- 08/06/2022

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.

1

Schedule of Quantity

Name of work:- Improvement of Balsar Jhajjar road Km 0/0 to 17/125(SH:- Imp. of curves at RD 14/105 to 15/135)

Estimated Cost:- Rs.4,99,118 /-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	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 115.49 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.	3150.00	Per Cubic metre			

Executive Engineer,
HP.PWD., Division
Nahan.

Name of work:- R/R damages on Kharwala to Dhangwala road km.0/0 to 3/500. (SH:- C/O 900 mm dia HPC at RD 1/405 & R/Wall at RD 1/130 to 1/157)

Schedule of Quantity

Estimated Cost:- Rs.4,34,359/-only

Earnest Money:- Rs.9,000/- 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.	136.27	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.	2.80	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 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.	57.02	Per Cubic metre			
4	Providing and laying 900mm dia reinforced cement concrete pipe NP2 for culverts on first class bedding of granular materials in single row including fixing excluding excavation protection work, back filling concrete and masonry work in head walls and parapets clause 1108 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	10.00	Per Running metre			
5	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.	10.03	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.	15.00	Each			
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.	28.92	Per Cubic metre			
8	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 with a lead upto 1000 m 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.	129.18	Per Cubic metre			
Total:-						

Executive Engineer,
HP.PWD., Division

Name of work:-A/R & M/O Majari Burma Papri road Km 0/0 to 5/0 & Pallion to Andhari road Km 0/0 to 4/0(SH:-Maintenance of earthen shoulder filling with fresh selected soil)

Schedule of Qauantity

Estimated Cost:- Rs.4,99,533/-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	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto all lead as per technical specification Clause 1903 including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	9285.00	Per Square metre			
	Total:-					

Executive Engineer,
HP.PWD., Division
Nahan.

Name of work:-C/O link road Chunijar Jodi to Chamla Km 0/0 to 5/0(SH:- Formation cutting at RD 1/815 to 2/715)

Schedule of Qauantity

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 147.95 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	4034.89	Per Cubic metre			

Estimated Cost:- Rs.4,98,914 /-only
Earnest Money:- Rs.10,000/- only
Time allowed:- Two months

Executive Engineer,
HP.PWD., Division
Nahan.

Name of work:- A/R & M/O Nahan Dadahu Haripurdhar road Km 0/0 to 36/0(SH :-C/O U Shape road side drain at RD 34/500 to 34/600
& 35/400 to 35/500)

Schedule of Qauantity

Estimated Cost:- Rs.4,99,667/-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 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.	132.25	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.	23.00	Per Cubic metre			
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 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.	36.75	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.	1.470	Per Tonne			
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 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.	3.85	Per Quintal			
	Total :-					

Executive Engineer,
HP.PWD., Division
Nahan.

Name of work:-A/R & M/O Panjahal Chai Mehdog road Km 0/0 to 3/525(SH:-C/O Wire crate R/Wall at RD 3/300 to 3/322)

Schedule of Qauantity

Estimated Cost:- Rs.4,92,196/-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.	79.20	Per Cubic metre			
2	Providing and laying of boulder apron laid in wire crates with 4 mm (four milimetre) dia GI wire conforming to IS:280 and IS: 4826 in 100 mm x 100 mm mesh (woved diagonally) including 10 % (Ten percent) extra for laps and joints laid with stone boulders weighing not less than 25 kg (Twenty five Kilogramme) each as per drawing and technical Specifications Clause 1301. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	174.24	Per Cubic metre			
	Total:-					

Executive Engineer,
HP.PWD., Division
Nahan.

SCHEDULE OF QUANTITY

Name of work :- Preparation of detailed project report, detailed estimate/working estimate on detailed analysis of rate of various works under Nabard & building estimates under Nahan Division) .

Estimated cost :- Rs. 3,46,500 /-
Earnest Money :- Rs. 8,670 /-
Time :- Two months.

S.No.	Sub-head & item of works	Quantity	Unit	Rate in		Amount
				Figure	Words	
1	Preparation of following detailed project report, detailed estimate & working estimates on detailed analysis of rates of various works under Nabard, CRF & buildings under Nahan Division including drawings complete in all respect & submission to the same to higher office for approval If any correction/amendment will be desired by the head office the same may be corrected as desired & directed by the Engineer-in-Charge and complete in all respect. After approval the same from the head office should be submitted with soft copy.	9.00	Job			
	Building works :-					
1	Construction of Tehsil Office at Nahan					
2	Construction of Lok Bhawan building at Kala Amb in Tehsil Nahan, District Sirmour.					
3	Development & beautification of histryc Shiv Mandir at Paudiwala near Nahan.					
4	Paudiwala near Nahan, District Sirmour (HP) (SH:- Construction of Bhandra hall, Ayurvedic hospital building at Nahan.					
	UNDER NABARD :-					
5	Development of Nahan Dadahu Haripur dhar road Km. 9/0 to 36/0 (Under Rural Tourism Sites & Tourist road) .					
6	Construction of Khaina Katah to Nar Noti via Gannu Pou Bard, Kathla Kangta Felag road Km. 0/0 to 14/572. (Under Nabard) .					
7	Construction of balance work of Parara Manria via Bhagera road Km. 0/0 to 6/750.					
	Bridges :-					
8	C/O 25.00 mtrs. Span prestressed bridge over Hansewala Khala on Surla Bakarala road to Bhudpur at RD. 2/180.					
9	C/O 23.00 mtrs. Span prestressed bridge over Slanai Khud on Jabal Bag Kandahiwala Kharkon Trilokpur road at RD. 5/850.					

Executive Engineer,
Nahan Division, HP.PWD.,
Nahan

SCHEDULE OF QUANTITY

Name of Work:-Repair of Health sub centre building at Dharkayari(SH :- P/F Steel work & other miscellaneous repair works etc.)

Estimated Cost:- Rs.4,74,046/- only

Earnest money:- Rs 9,500/- only

Time:- Two Months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in		Amount
				figure	word	
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 leads, 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.	48.15	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.	22.50	Per Cubic metre			
3	Providing and laying of interlocking concrete block pavements having thickness 60mm (sixty millimetre) M-35(thirty five) 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.	150.00	Per Square 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.	0.210	Per Tonne			
5	Providing and laying concrete for plain/reinforced concrete complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 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.	5.40	Per Cubic metre			
6	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.	20.00	Per Square metre			
7	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.	10.00	Per square metre			
8	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 materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	7.50	Per Quintal			

9	Providing and fixing 0.60mm 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.	20.00	Per square metre			
10	Finishing wall with weather proof exterior grade emulsion of approved design (apex ultima) or its equivalent 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 carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	80.00	Per Square metre			

 Executive Engineer

Nahan Division,
HP, PWD, Nahan.

SCHEDULE OF QUANTITY

Name of work:-Repair of Health sub centre building at Rama (SH :-C/O R/Wall & B/Wall)

Estimated cost :- Rs.4,75,465/-only
Earnest Money:- Rs.9,600 /-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 leads, 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.	77.52	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: 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.	107.64	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.	34.00	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.	13.32	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 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.	2.16	Per Cubic metre			
	Total :-					

Executive Engineer,
HP.PWD., Division
Nahan.

Name of work:-C/O link road Kanyonghat to Sher Reshla Rojbendli km.0/0 to 18/500(SH:- Improvement of curves at RD 7/615 to 8/350)

Schedule of Qauantity

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 transportation 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 148.20 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 mateial with in all leads, lifts and carriage of materials and as directed by the Engineer in-charge.	4041.78	Per Cubic metre			

Estimated Cost:- Rs.4,99,766 /-only
Earnest Money:- Rs.10,000/- only
Time allowed:- Two months

Executive Engineer,
HP.PWD., Division
Nahan.

11

Schedule of Quantity

Name of work:- C/O link road village Shyampur Km 0/0 to 2/300(SH:- 5/7 mtrs.wide formation cutting at RD 1/300 to 1/570)

Estimated Cost:- Rs.2,49,180 /-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	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 transportation 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 141.91 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.	1891.31	Per Cubic metre			

Executive Engineer,
HP.PWD., Division
Nahan.

12

Name of work:-C/O link road village Shyampur Km 0/0 to 2/300(SH:- C/O 900 mm dia.RCC HPC at RD 0/720)

Schedule of Qauantity

Estimated Cost:- Rs.2,48,510/-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.	51.13	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.	1.30	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 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.	35.10	Per Cubic metre			
4	Providing and laying 900mm dia reinforced cement concrete pipe NP2 for culverts on first class bedding of granular materials in single row including fixing excluding excavation protection work, back filling concrete and masonry work in head walls and parapets clause 1108 including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	7.50	Per Running metre			
5	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.	8.80	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.	16.00	Each			
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.	12.24	Per Cubic metre			
	Total:-					

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 Qauntity

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.

Schedule of Qauantity

Name of work:- A/R & M/O Shambhuwala Bankala Rakhni road km.0/0 to 5/795(SH:- C/O B/Wall both side at RD 4/655 to 4/715)

Estimated Cost:- Rs.4,99,545/-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.	35.00	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.	96.00	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.	58.00	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.	16.00	Per Cubic metre			
	Total:-					


 Executive Engineer,
 HP.PWD., Division
 Nahan.

15

Schedule of Quantity

Name of work:-C/O link road Chassi Dhobghat Dholsari Jangla Bhoad Maidhar Lehi km.0/0 to 9/0(SH:- ROFD at various RDs from Km 5/625 to 9/0)

Estimated Cost:- Rs.4,62,806 /-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	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 transportation 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 146.37 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.	2927.30	Per Cubic metre			

Executive Engineer,
HP.PWD., Division
Nahan.

16

Schedule of Quantity

Name of work:- C/O link road Chassi Dhobghat Dholsari Jangla Bhood Maidhar Lehi km.0/0 to 9/0(SH:- C/O 4.00 Mtrs.span slab culvert at RD 8/410)

Estimated Cost:- Rs.4,99,548/-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.	61.88	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 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.	2.89	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.	80.10	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			
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.	11.00	Per Cubic metre			
	Total:-					

12

Executive Engineer,
HP.PWD., Division
Nahan.

17

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 8/495 & 8/680)

Estimated Cost:- Rs.4,99,358/-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.	82.80	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.	5.04	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.	26.70	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.	80.64	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.	10.00	Each			
6	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.	1.80	Per Cubic metre			
	Total:-					

Executive Engineer,
 HP.PWD., Division
 Nahan.