

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 15.12.2021 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 15.12.2021.

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	A/R & M/o NDH road Km.0/0 to 36/0. (SH:-R/O pot holes in Km.9.0 to 21/0)	4,99,610/-	10,000/-	02 Month	350/-
2	R/R damages on various road Dadahu sub division under SCSP. (SH:-R/O slips)	4,96,800/-	10,000/-	02 Month	350/-
3	R/R damages on Dadahu Tirmali road Km.0/0 to 7/300. (SH:-R/O slips & C/O unlined drain)	4,99,680/-	10,000/-	02 Month	350/-
4	Repair & maintenance of various bridges under Dadahu Sub Division.(SH:-Painting & finishes works etc.)	4,97,068/-	10,000/-	02 Month	350/-
5	C/O L/R from Bechar Ka bag to malahan via Bhenu road Km.0/0 to 8/0.(SH:-C/O wing wall of 4.00 mtr. Span slab culvert at RD.6/920)	4,99,432/-	10,000/-	02 Month	350/-
6	C/o balance work of 10 Nos, Type-II qtrs.. for Police staff Dadahu Distt. Sirmour (SH:-C/O B/wall, railing & other Misc. work)	4,99,593/-	10,000/-	02 Month	350/-
7	A/R & M/O PWD Rest house & A.E. residence at Dadahu. (SH:-Painting, distempering & other Misc repair work)	4,99,336/-	10,000/-	02 Month	350/-
8	Improvement of Jamta mahipur road Km.0/0 to 27/585.(SH:P/L WBM-III, 20mm thick premix carpet at RD.11/300 to 11/540 & repair of pot holes)	4,98,939/-	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-

7585-86

Dated: 8¹² 24

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

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

Executive Engineer,
Nahan Division,
HPPWD Nahan.



SCHEDULE OF QUANTITY

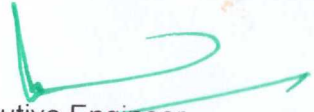
Name of work:- A/R & M/O Nahan Dadahu Haripurdhar road Km 0/0 to 36/0 (SH:- Repair of pot holes in Km 9/0 to 21/0)

Estimated cost :- Rs.4,99,610 /-only

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

Time:- Two Months

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 (twenty) mm thick premix carpet and seal coat type B specification clause 1904.2, 503 and 508.1 including carriage of materials with in all leads, lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	1765.00	Per Square metre			
2	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.	10.00	Per Cubic metre			
	Total :-					


Executive Engineer,
HP.PWD., Division
Nahan.

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on various road Dadahu sub division under SCSP (SH:-Removal of slips)

Estimated Cost:- Rs.4,96,800/- only

Earnest money:- Rs 10,000/- only

Time:- Two Months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in figure	Rate in world	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops 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.	6900.00	Per Cubic metre			

Executive Engineer,
HP.PWD., Division
Nahan.

SCHEDULE OF QUANTITY

Name of Work:-Restoration of rain damages on Dadahu Tirmali road Km 0/0 to 7/300 (SH:-Removal of slips & construction of unlined drain)

Estimated Cost:- Rs.4,99,680/- only

Earnest money:- Rs 10,000/- only

Time:- Two Months

Sr No	Sub Head/Item of work	Quantity	Unit	Rate in figure	Rate in world	Amount
1	Removal of land slide in hilly area in ordinary rock not requiring blasting by mechanical means including cutting and trimming of slops 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.	4440.00	Per Cubic metre			
2	Construction of unlined surface drains of average cross-sectional area 0.40 sqm in soil to specified lines, grades, levels and dimensions. Excavated material to be used in embankment 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.	3750.00	Per metre			

Executive Engineer,
HP.PWD., Division
Nahan.

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SCHEDULE OF QUANTITY

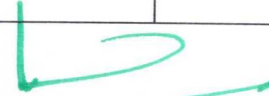
Name of work:-Repair & maintenance of variour bridges under Dadahu sub-division(SH :-Painting & finishes works etc.)

Estimated cost :- Rs.4,97,068 /-only

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

Time:- Two Months.

Sr. No	Description/ Item Rate	Quantity	unit	Rate		Amount
				Figure	Words	
1	Providing and applying Birla white wall care putty and painting two coats of water based cement paint on undecorated surface after cleaning/removing of dirt, dust, oil, grease, efflorescence and applying paint @ of one litre for two sqm including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	2860.00	Per square metre			
	Total :-					



Executive Engineer,
HP.PWD., Division
Nahan.

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Schedule of Quantity

Name of work:- Construction of link road from Bechar Ka Bag to Malahan via Bhenu road km 0/0 to 8/0(SH:- C/O Wing wall Estimated Cost:-4,99,432/-only
of 4 00 metre span slab culvert at RD 06/920) 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.	64.80	Per Cubic metre			
2	Providing and laying concrete for plain/reinforced concrete in sub-structure complete as per drawing and technical specification clause 802,803,1202 1203 in PCC grade M-20 in 1:2:4 (one cement is to two sand is to four grade stone aggregate nominal size) including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	87.58	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.	17.82	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.	15.00	Each			
	Total:-					

Executive Engineer,
HP.PWD., Division
Nahan.

SCHEDULE OF QUANTITY

Name of work :-Construction of balance work of 10 Nos.type-II qtrs.for Police staff Dadahu Distt.Sirmour HP(SH :-C/O boundry wall,railing and other miscellaneous work)

Estimated cost :- Rs. 499593 /-Only
Earnest Money :- Rs.10000 /- Only
Time allowed :- Two months.

S. No.	Sub-head & item of works	Quantity	Unit	Rate		Amount
				Figure	Words	
1	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.	11.06	Per cubic meter			
2	Half brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:4 (One cement is to four sand) Second Class Bricks including carriage of materials through all modes of transportation with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	64.34	Per Square metre			
3	Providing for steel reinforcement for reinforced cement concrete work including bending, binding and placing in position including cost of binding wire complete upto all floor level as per HPPWD specification 1990 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.	50.34	Per Kilogram			
4	Providing and laying cement concrete work 1:1.5:3 (One cement : 1.5 (one and half) sand : 3 (three) graded stone aggregate 20mm (twenty milli meters) nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work wall (any thickness but not less than 0.1 m thickness) attached pilasters, buttresses, plinth and string courses etc. from top of foundation level upto floor all level including all leads and lifts as per the direction of Engineer-in Charge.	0.29	Per cubic meter			
5	15mm (fifteen milimetre) cement plaster in single coat on fair side of brick/ concrete/stone walls of interior plastering upto floor two level including arrises,internal rounded angles, chamfers & rounded angles not exceeding 80mm in (eighty milimetre) grith finished even and smooth in cement mortar 1:6 (One cement : six approved sand) as per HP.PWD.,specification volume-I (one)including carriage of all labour equipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	248.53	Per Square metre			
6	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 beams joists channels ,angles ,tee ,flats with connecting plates or angle cleats as in main and cross beams,hip and jack rafters,purlins connected to common rafters and the like ncluding 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.	23.70	Per qtl.			
7	Applying one coat of Birla / J.K.white wall care putty/Kemocare wall smoothner putty of Kamdhenu or its equivalent over plastered surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papering smooth to give final matter finish to surface complete as per HP.PWD., specification Volume-I (one)including carriage of all labour equipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	248.53	Per Square metre			

8	Finishing wall with weather proof exterior grade premium emulsion of Kamdhenu paints/Apex Ultima or its equivalent of approved shade on undecorated wall surface (two coats) to give an even shade & final finish after thoroughly cleaning the surface to remove all dirt, dust & other foreign matter etc. including sand papering smooth in all external plastered surfaces 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.	248.53	Per Square metre			
9	Painting two coats (excluding priming coat) on new steel & other metal surface with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust & other foreign matters with other then white as per HPPWD specification 1990 Volume-I (one)including carriage of all labour equipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	235.02	Per Square metre			
10	Providing and fixing curtain rods of 1.25 mm dia.chromium plated brass brackets with wooden plugs completed 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.	18.70	Rmt			
11	Providing and fixing bright finished brass ball catcher 10(ten) mm dia 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.	160	Each			
12	Providing and fixing Aluminium sheet 1(one)mm thick in expension joints vertically fixed with screws or nails complete including all leads and lifts as per the direction of Engineer-in Charge.	51.00	Per Square metre			
13	Providing & fixing plastic seat (solid/Hollow type) & cover for wash down water closet with C.P. brass hinges & rubber buffers Solid Type white plastic seat & cover as per HP.PWD., specification Volume-I (one)including carriage of all labour equipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	10.00	Each			
14	Providing and fixing C.P. jet spray of approved quality 1.50 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.	10.00	Each			
15	Providing and fixing white vitreous china pedestal for wash basin of approved brand ISI Cera or equivalent make complete including all leads and lifts as per the direction of Engineer-in Charge.	10.00	Each			
16	Providing and fixing PTMT extension nipple for water tank pipe fitting of approved ISI brand 15 mm nominal bore complete including all leads and lifts as per the direction of Engineer-in Charge.	100.00	Each			
Total						

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



SCHEDULE OF QUANTITY

Name of work :-A/R& M/O PWD Rest house & A.E residence at Dadahu(SH :-Painting,distemping and other miscellaneous repair work)

Estimated cost :- Rs. 499336 /-Only

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

Time allowed :- Two months.

S. No.	Sub-head & item of works	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 including carriage of all labour equipment & materials to various location through all leads, lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	36.89	Per Cubic metre			
2	Providing form work with steel plates 3.15mm (Three decimal one five millimeter) thick welded with angle iron in frames 30x30x5mm (Thirty into thirty into five millimeter) ,so as to give a fair finish including centring,shuttering,strutting and propping etc. with wooden battens & ballies, height of propping and centring below supporting floor to ceiling not exceeding 4.00 mtrs (four meters) & removal of the same for in-situ reinforced concrete & plain concrete work as per HP.PWD., specification 1990 volume-I (One)including carriage of all labour equipments & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge in :-Flat surface such as soffits of suspended floors, roofs, landings and the like floors etc. upto 200mm (Two hundredmillimeter) in thickness	5.52	Per square meter			
3	Providing and laying cement concrete 1:4:8 (1 cement:4 sand:8 graded stone aggregate 40mm nominal size) and curing complete excluding cost of form work in: Foundation and plinth: including all leads,lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer-in-charge.	2.09	Per Cubic metre			
4	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.	12.27	Per cubic meter			
5	Half brick work using common burnt clay building bricks in foundation and plinth in Cement Mortar 1:4 (One cement is to four sand) Second Class Bricks including carriage of materials through all modes of transportation with in all leads and lifts and as per HP.PWD. specifications of 1990 volume-I and as per direction of Engineer-in-Charge.	2.18	Per Square metre			
6	Providing and laying cement concrete work 1:1.5:3 (One cement : 1.5 (one and half) sand : 3 (three) graded stone aggregate 20mm (twenty milli meters) nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work wall (any thickness but not less than 0.1 m thickness) attached pilasters, buttresses, plinth and string courses etc. from top of foundation level upto floor all level including all leads and lifts as per the direction of Engineer-in Charge.	12.22	Per cubic meter			
7	Providing tor steel reinforcement for reinforced cement concrete work including bending, binding and placing in position including cost of binding wire complete upto all floor level as per HPPWD specification 1990 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.	226.00	Per Kilogram			

8	40 mm cement concrete flooring 1:2:4 ((One cement:two sand:four graded stone)aggregate 20mm nominal size)laid in one layer finished with a floating coat of neat cement including all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge	5.52	Per square metre			
9	15mm (fifteen milimetre) cement plaster in single coat on fair side of brick/ concrete/stone walls of interior plastering upto floor two level including arrises, internal rounded angles, chamfers & rounded angles not exceeding 80mm in (eighty milimetre) grith finished even and smooth in cement mortar 1:4 (One cement :four sand) as per HP.PWD., specification volume-I (one)including carriage of all labour equipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	42.44	Per Square metre			
10	Finishing wall with weather proof exterior grade premium emulsion of Kamdhenu paints/Apex Ultima or its equivelent of approved shade on undecorated wall surface (two coats) to give an even shade & final finish after thoroughly cleaning the surface to remove all dirt, dust & other foreign matter etc. including sand papering smooth in all external plastered surfaces as per HP.PWD., specification 1990 Volume-I (one)including carriage of all labourequipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	1487.97	Per Square metre			
11	Distempering two coats with oil bound distemper Asian/Narolac Paints or its equivelent) of approved shade and manufacture and of required shade on undecorated wall surface to give an even shade over and including a priming coat of distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matters and also including preparing the surface even and sand papering smooth 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.	1640.00	Per Square metre			
12	Painting two coats (excluding priming coat) on wood work with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust & other foreign matters with other then white as per HPPWD specification 1990 Volume-I (one)including carriage of all labour equipment & materials to various location through all leads,lifts & other incidental charges complete as per entire satisfaction of the Engineer-in-Charge.	427.6	Per Square metre			
13	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.	20.00	Each			
14	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 polygthene 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).	5.00	Each			
15	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.	0.15	Per cubic metre			
16	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws. 40 mm thick 2nd class deodar wood. including all leads, lifts and carriage of materials and other incidental charges complete as per entire satisfaction of the Engineer in	10.36	Per Square Metre			

17	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.	4.25	Per square metre			
18	Providing and fixing 600mmx450mm(Six hundred into Four hundred Fifty milimeter) bevelled edge mirror of superior glass mounted on 6mm(Six milimeter) thick A.C. Sheet or plywood sheet and fixed to wooden plugs with CP brass screw and washer including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	2.00	Each			
	Total					

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

SCHEDULE OF QUANTITY

Name of work:-Improvement of Jamta Mahipur road km 0/0 to 27/585 (SH:-Providing and laying WBM-III,20 mm thick premix carpet at RD 11/300 to 11/540 & repair of pot holes)

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	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.	29.70	Per Cubic metre			
2	Providing and applying priming coat with paving bitumen of VG10 graded confirming 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 1.00 (one) kg per sqm on prepared surface of granular base 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.	871.20	Per Square metre			
3	Providing, laying and rolling of open graded premix carpet of 20 mm (twenty milimetre) thickness composed of 13.2mm(thirteen point two milimetre) to 5.6 mm (five point six milimetre) 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.	871.20	Per Square metre			
4	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.	871.20	Per Square metre			
5	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 (twenty) mm thick premix carpet and seal coat type B specification clause 1904.2, 503 and 508.1including carriage of materials with in all leads,lifts and other incidentals complete as per entire satisfaction of the Engineer-in-charge.	725.00	Per Square metre			

Executive Engineer,
HP.PWD., Division
Nahan.