

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

Sealed item rate tender on form No. 6 & 8 are hereby invited by the Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan on behalf of Governor of Himachal Pradesh for the following work from the approved and eligible contractors enlisted in HP PWD (B & R) whose registration stood renewed as per revised rules so as to reach in his office on or before on **20.04.2023** up to **11:00 A.M.** And the same shall be opened on the same day at **04:00 P.M.** in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on **19.04.2023** up to **4:00 P.M** and the application for issue of tender form shall be received on **18.04.2023** up to **12:00 noon**. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

The conditional tender and the tender received without earnest money will summarily be rejected. The offer of the tender shall be kept open for 120 days.

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Construction of link road from Tourist reception centre to village Chahri Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of 1.00 mgr span RCC slab culvert providing and laying cement concrete pavement road etc.)	499952/-	10000/-	Three months
2	Construction of roundabout on Nagrita Baldhar Dhaloon road Km 0/000 to 6/600 in Distt kangra (HP) (SH:-Construction of Roundabout at Bharobhar and repair of rain shelter etc.)	370934/-	7450/-	Two months
3	Construction of road from Baroh Chowk Dehrian Jandrah Talli Tikka Dolla Kharaina Khundian Nahlian MDR-93 road Km 0/000 to 49/400 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 1/200 to 1/215 (Deposit wok).	183999/-	3700/-	Two months
4	Construction of Ex-Service Man Vigilance Social Welfare Society at Hatwas Tehsil Nagrota Bagwan District Kangra (HP) (SH:-Providing adn laying Tile work CC 1:2:4, Paver block & painting work etcetera (Deposit work)	200037/-	4000/-	Two months
5	Restoration of rain damages on Joginder Singh House alongwith Chor Nallah at Matiyari in Nagrota Bagwan in Distt Kangra (HP) (SH:-Construction of retaining wall alongwith Nallah (Deposit work).	399942/-	8000/-	Two months
6	Construction of Roundabout on various road under HP PWD Division Tanda at Nagrota Bagwan Division in Distt Kangra (HP)) (SH:-Construction of Roundabout on Nagrota Chahri Pathiar road at RD 0/000 , Construction of Roundabout on link road to Sarverbal house at RD 0/000 and construction of roundabout on Yol to 53 Miles road at RD 10/550.)	499351/-	10000/-	Three months

Terms & Conditions:-

1. The contractor/firm should be registered as or dealer GST No.
2. The intending contractor / firm have to produce the copy of latest enlistment and renewal enlisted in HPPWD.
3. If any of the date mentioned above happened to be Gazetted Holidays the same shall be processed on next working day.
4. The Executive Engineer reserves the right to accept/reject any tender/application or all tenders without assigning any reason.
5. The Contractor will have to submit affidavit along with application for issue of tender that he has not more than two works in hand.
6. Next tender will be issued only after completion of previous works in hand.

HIMSUCHANA AVAM & JAN SAMPARK

No.PW/NBD/TA/Tender/NIT/2023-24- **117-47**
Copy to the following for information and necessary action:-

1. The Principal Secy. (PW) to the Govt. of H.P. Shimla.
2. The Engineer-in-Chief, HPPWD, Shimla.
3. The Chief Engineer (KZ), HPPWD, Dharamshala.
4. The Director, Information & Publications Department, H.P. Shimla
5. The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the department website.
6. The Superintending Engineer, 5th Circle, HPPWD, Palampur.
7. The Principal, Dr. RPGMC, Tanda.
8. The Deputy Commissioner, Kangra at Dharamshala.
9. All the S.E.s/E.E.s under North Zone.
10. The Sub-Divisional Officer(C) Nagrota Bagwan.
11. The Block Development Office Nagrota Bagwan
12. All the Assistant Engineer under this Division.
13. The Drawing /Accounts Branch in this office.
14. The Contractors concerned.
15. Notice Board.

Executive Engineer
H.P.P.W.D. Tanda Division
at Nagrota Bagwan
(On behalf of Governor of Himachal Pradesh)

Dated/ **5-4-2023**

Executive Engineer
H.P.P.W.D. Tanda Division
at Nagrota Bagwan

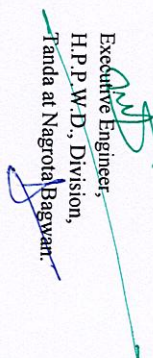
Schedule of Quantity

ESTIMATED COST: - ₹ 499952.00
EARNEST MONEY: - ₹ 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : Construction of link road from Tourist Reception Centre to village Chahri Km 0/000 to 2/000 in Distt. Kangra (H.P)
SUB-HEAD :- Construction of 1.00 mtr span RCC slab culvert, providing and laying cement concrete pavement road etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Excavation work by mechanical means (Hydraulic excavator) manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	3 22.15 Cubic metres	4		6 Per cubic metre	7
2	Providing and laying concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size including the cost of centering and shuttering in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	14.26 Cubic metres			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal siz as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	7.78 Cubic metres			Per cubic metre	
4	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidentals.	29.75 Cubic metres			Per Cubic metres	
5	Providing and laying concrete for plain reinforcement concrete in open foundation including the cost of centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	29.25 Cubic metres			Per cubic metre	
6	Providing Tor steel reinforcement for reinforced concrete work including bending, binding, cutting, straightening and placing in position complete including cost of binding wires complete upto all floor levels as per specifications, approved drawing, design, as per entire satisfaction of the Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	352.50 Kilo grams			Per kilo-gram	
7	Providing and laying cement concrete 1:2:4 (One Cement : Two Sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size) and curing complete excluding cost of form work in deck slab, beams, girder and bressumers etc; upto all floor level as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	3.28 Cubic metres			Per kilo-gram	
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 trusses and trussed purlins in buildings and the like in building including cutting, fixing, lifting, hoisting and; placing in position complete and applying a coat of red lead paint including framed work with angle tees 40x6mm (Forty into six millimetres) including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	450.00 Kilo gram			Per kilo gram	

9	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick pre-painted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm (Six millimetres) diameters with pre-painted limpet and rubber washers complete with all accessories as required including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	40.00	Square metres				Per square metre	
10	Providing and fixing M.S. B.P Sheet 1.66mm to 2mm (One point sixty six to Two millimetres) thick in eaves board/facia/sofits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately), as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	8.25	Square metres				Per square metre	
TOTAL :-								


 Executive Engineer,
 H.P.W.D., Division,
 Tanda at Nagrota Bagwan.

SCHEDULE OF QUANTITY


ESTIMATED COST: - ₹ 370934.00
EARNEST MONEY:- ₹ 7450.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of Roundabout on Nagrota Balidhar Dhaloon road Km 0/000 to 6/600 in Distt. Kangra (H.P.).
SUB-HEAD :- Construction of Roundabout at Bharebhar and repair of Rain Shelter etc;

S. No.	Description of Items	Quantity	In fig		In words		Unit	Amount
			4	5	6	7		
1	2	3						
1	Dismantling dressed stone work/stone masonry work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material upto any lad including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	35.00 Cubic metres			Per cubic metre			
2	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, jumper work, jumper blasting work, soft and hard blasting and saturated soil including chiseling or any other mixed variety of soil dewatering and removal of slush and other incidental lifts upto all heights including stacking the excavated soil not more than three metres clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	5.76 Cubic metres			Per Cubic metre.			
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	5.58 Cubic metres			Per cubic metre			
4	Stone filling dry hand packed under flooring including consolidation complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	1.80 Cubic metres			Per cubic metre			
5	Providing and laying cement concrete 1:2:4 (One cement: two sand: four graded crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including cost of forms work in foundation and plinth, including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	3.60 Cubic metres			Per cubic metre			
6	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel in grating, frames, guard bar ladder, railings, bracket, gate and similar work complete including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	550.00 Kilo gram			Per kilo gram			

7	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick preprinted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with preprinted iron J or L hooks, bolts and nuts 6mm (Six millimetres) diameters with preprinted flmpet and rubber washers complete with all accessories as required including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	17.94	Per square metre	
8	Providing and fixing M.S. B.P Sheet 1.66mm to 2mm (One point sixty six to Two millimetres) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately), including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	2.55	Per square metre	
9	Painting with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.75 ltr/10 sqm of approved brand and manufacture including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	38.40	Per square metre	
10	Providing and laying of 25mm (Twenty five millimeter) thick kota stone slab flooring 20mm (Twenty millimeter) average thick base of cement mortar of 1:4 (One cement:4 sand) laid over and jointed with gray cement slurry mixed with pigments of match the shade of the slab including rubbing and polishing complete (for all floor level) as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	15.00	Per square metre	
11	Providing and fixing Hindi Matras commas and the like not to be measured and paid for separately) Half letters shall be counted as half only complete excluding the cost of form work in foundation and plinth as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	900.00	Per letter per Centi- metres height	
12	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing and moulding in single/double layer etc; all complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalentincluding carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	6.50	Per square metre	
13	Stone work in plain ashlart stone masonry work in super structure upto floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) including pointing with cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade : including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	6.15	Per cubic metre	

14	Providing and fixing cast iron decorative post/monuments as per required height and approved brand/quality of Dwaraka make or its equivalent including necessary fitting complete and as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	247.78	Kilo-grams			Per Kilo gram	
15	Providing and fixing cast iron decorative railing of 1.00 mtr (One metre) height Dwaraka make or its equivalent fixing with concrete floor/tiles floor compete and as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	80.00	Kilo-grams			Per Kilo gram	
16	Providing and laying vitrified full body parking tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (One cement : Four coarse sand, jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	10.15	Square metres			Per square metre	
17	Providing and fixing precast RCC kerb stone of size 20x27x40cm in RCC 1:2:4 (One cement : two sand : four graded stone aggregate 20mm (Twenty millimetres) nominal size and curing complete including form work etc; kerbs steps and the like as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	250.00	Numbers			Each	
Total :-							


 Executive Engineer,
 H.P.W.D., Division,
 Tanda at Nagrota Bagwan

Schedule of Quantity

NAME OF WORK :-

Construction of road from Baroh Chowk Delhrian Jandarah Talli Tikka Dolla Kharaina Khundian Nahlian MDR-93 road Km 0/0 to 49/400 in Dist. Kangra (H.P.).

ESTIMATED COST :- Rs. 183999.00
EARNEST MONEY :- Rs. 3700.00
TIME LIMIT : TWO MONTHS

SUB HEAD :-

Construction of Retaining wall at RD 1/200 to 1/215 (Deposit work).

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In 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 any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	3 17.51 Cubic meters	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	44.16 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	26.00 Running metres			Per running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	17.14 Cubic metres			Per cubic metre	
TOTAL :-						

Executive Engineer,
H.P.P. W.D., Division,
Tanda at Nagrota Bagwan.

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 200037.00
EARNEST MONEY :- Rs. 4000.00
TIME LIMIT : TWO MONTHS

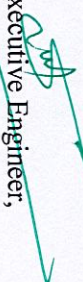
NAME OF WORK :- Construction of Ex-Service Man Vigilance Social Welfare Society at Hatwas Tehsil Nagrota Bagwan District Kangra, (H.P.).

SUB-HEAD :- *Providing and laying Tile work, CC 1:2:4, Paver block & Painting work etcetra. (Deposit Work)*

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	6.84 Cubic metres			Per Cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement, two sand, four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	6.84 Cubic metres			Per cubic metre	
3	Providing and laying 600x600 mm (Six hundred millimetre) size vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% (Zero point zero eight percent) and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (Twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm (Three point three kilogramme per square metre) including grouting the joints with white cement and matching pigments etcetra complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	75.95 Square metres			Per square metre	

4	<p>Providing and laying 600x600 mm (Six hundred into six hundred millimetre) size Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point zero eight percent) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm (Six millimetre) thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.</p>	Square metres	5.22			Per square metre	
5	<p>Providing and laying 60mm (Sixty millimetre) thick cement concrete paver block of M-35 grade with approved colour, design & pattern factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.</p>	Square metres	32.45			Per square metre	
6	<p>15mm (Fifteen millimetre) thick cement plasters in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including arises, internal rounded angles, chamfers or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement : Six sand) above plinth level to floor all level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.</p>	Square metres	49.47			Per square metre	

7	Providing and applying white cement based putty of Birla / JK average thickness 1mm (One millimetres) thick, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	49.47	Square metres			Per square metre	
8	Finishing walls with 100% (One hundred percent) Premium acrylic emulsion paint of Asian/Dulux/Berger/Nerolac Suraksha paints of approved shade having VOC less than 50 gm/litre (Fifty grams per litre) and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior/interior paint of required shade (Company Depot Tinted) with silicon additives New work (Two or more coats applied @ 1.43 litre/ 10 sqm (One point forty three litre per ten square metre) over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm (Zero point ninety litre per ten square metre) upto all floor level complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	49.47	Square metres			Per square metre	
TOTAL :-							


 Executive Engineer,
 H.P.P.W.D. Division,
 Tanda at Nagrota Bagwan.

Schedule of Quantity

NAME OF WORK :- Restoration of rain damages on Joginder Singh House alongwith Chor Nallah at Matiyari in Nagrota Bagwan Distt. Kangra (H.P.)


SUB HEAD :- Construction of Retaining wall alongwith Nallah (DEPOSIT WORK).

ESTIMATED COST :- Rs. 399942.00

EARNEST MONEY :- Rs. 8000.00

TIME LIMIT :- TWO MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In 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 any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	3 18.62 Cubic metres	4	5	6 Per cubic metre	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	103.40 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	58.15 Running metres			Per running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	11.15 Cubic metres			Per cubic metre	
TOTAL :-						


 Executive Engineer,
 H.P.P.W.D., Division,
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SCHEDULE OF QUANTITY


ESTIMATED COST:- ₹ 499351.00
EARNEST MONEY:- ₹ 10000.00
TIME LIMIT :- THREE MONTHS

NAME OF WORK :- Construction of Roundabout on various roads under HPPWD Division, Tanda at Nagrota Bagwan Division in Dist. Kangra (H.P.).
SUB-HEAD :- Construction of Roundabout on Nagrota Chahri Pothar road at RD 0/000, Construction of Roundabout on link road to Sarberbat House at RD 0/000 and Construction of Roundabout on Vol to 53 Miles road at RD 10/550

S. No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation in foundation, trenches etcetera in earth work involving all classification of soil such as pick work, pick jumper work, jumper blasting work, soft and hard blasting and saturated soil including chiseling or any other mixed variety of soil dewatering and removal of slush and other incidental lifts upto all heights including stacking the excavated soil not more than three metres clear from the edge of the excavation and then returning the stacked soil in 15 cm (fifteen centimeters) thick layers when required into plinths, sides of foundation etcetera consolidating each deposited layer by ramming and watering and then disposing of all surplus excavation earth including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	15.12 Cubic metres			Per Cubic metre.	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal size as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	6.00 Cubic metres			Per cubic metre	
3	Stone filling dry hand packed under flooring including consolidation complete including carriage of material within all leads, lifts and other incidentals as per HPPWD specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	9.00 Cubic metres			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	6.50 Cubic metres			Per cubic metre	
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 and the like in building including cutting, fixing, lifting, hoisting and, placing in position complete and applying a coat of red lead paint including framed work with angle tees 40x6mm (Forty into six millimetres) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	475.00 Kilo gram			Per kilo gram	
6	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick prepainted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks,bolts and nuts 6mm (Six millimetres) diametres with prepainted limpet and rubber washers complete with all accessories as required including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	39.50 Square metres			Per square metre	

7	Providing and fixing M.S. B.P Sheet 1.66mm to 2mm (One point sixty six to Two milimetres) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately), as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	9.75	Square metres			Per square metre	
8	Painting Wood work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 lit/ 10 sqm over an under coat of primer applied @ 0.75 lit/10 sqm of approved brand and manufacture including carriage of material within all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing, design and as directed by the Engineer-in-charge.	160.00	Square metres			Per square metre	
9	Providing and laying mirror polished 25mm (Twenty five millimetre) thick Kota stone minimum Size 55x55cm (fifty five into Fifty Five centimetres) of uniform colour with 7.5 cm (Seven point five centimetre) wide Jaisiner Yellow marble band (NTC/Johnson) of same shade that of flooring of approved shade as per detail slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (One cement : Four coarse sand) complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	42.00	Square metres			Per square metre	
10	Providing and laying vitrified full body parking tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (One cement : Four coarse sand, jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	18.25	Square metres			Per square metre	
11	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing and moulding in single/double layer etc; all complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Car Eye or equivalent including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	11.25	Square metres			Per square metre	
12	Providing and laying 20 cm (Twenty centimetre) thick composite plain Ashlar Cyclopean stone masonry with stone facing of chisel dressed stones two line dressed in cement mortar 1:6 (One cement : Six sand) and concrete backing with cement concrete 1:3:6 (One cement : Three sand : Six graded stone aggregate 20mm (Twenty millimetre) nominal size on inner face of walls including centring, shuttering and propping complete upto all floor levels as per specifications, approved drawing, design including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	8.55	Cubic metres			Per cubic metre	
13	Providing and fixing Hindi Matras commas and the like not to be measured and paid for separately) Half letters shall be counted as half only complete excluding the cost of form work in foundation and plinth as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	4200.00	Per letter per Centi-metres height			Per letter per Centi-metres height	

14	Providing and fixing precast RCC kerb stone of size 20x27x40cm in RCC 1:2:4 (One cement : two sand : four graded stone aggregate 20mm (Twenty millimetres) nominal size and curing complete including form work etc; kerbs steps and the like as directed by the Engineer-In-charge, including carriage of materials within all leads, lifts and other incidentals.	220.00 Numbers			Each	
15	Providing and fixing cast iron decorative post/monuments as per required height and approved brand/quality of Dwaraka make or its equivalent including necessary fitting complete and as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	306.55 Kilo-grams			Per Kilo gram	
16	Providing and fixing cast iron decorative railing of 1.00 mtr (One metre) height Dwaraka make or its equivalent fixing with concrete floor/filts floor compete and as directed by the Engineer-In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	80.23 Kilo-grams			Per Kilo gram	
Total :-						


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