

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

**\*\*\* Notice Inviting Tender \*\*\***

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 **06.05.2022** up to **11:00 A.M.** And the same shall be opened on the same day at **11:30 A.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 **05.05.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **04.5.2022** 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 Thana to Bushal road Km 0/000 to 4/300 in Distt Kangra (HP) (SH:-Construction of retaining wall at Rd 3/630 to 3/705) Deposit work	Rs 424030/-	Rs 8500/-	Three months
2	Restoration of rain damages on Gujrehra to Dadkar road Km 0/000 to 4/015 in Distt Kangra (HP) (SH:-Construction of retaining wall at Rd 2/220 to 2/235)	Rs 421071/-	Rs 8450/-	Three months
3	Construction of link road Aerla to Haryat Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in Km 0/000 to 0/151).	Rs 498920/-	Rs 10000/-	Three months
4	Construction of link road Kaparu Kanda to village Chandrot in Distt Kangra (HP) (SH:-Providing and laying cement concrete Pavement in Km 0/700 to 0/851)	Rs 498920/-	Rs 10000/-	Three months
5	Construction of link road Jhamaca to Than in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in Km 0/000 to 0/151)	Rs 498920/-	Rs 10000/-	Three months
6	Construction of link road to village Bari-Da-Lahar in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in Km 0/600 to 0/751)	Rs 498920/-	Rs 10000/-	Three months
7	Construction of link road NH-88 to Gujjar Badti in G.P. Balugaloa in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in Km 0/600 to 01/700)	Rs 287222/-	Rs 5750/-	Three months
8	Special repair to Niku ward no (KMC) unit & Piku ICU in Dr R.P.G.M.C. at Tanda in Distt Kangra (HP) (SH:-Repair of plaster, wall tiles, painting and distempering etc)	Rs 311006/-	Rs 6250/-	Two months
9	Construction of link road Baroh Temple to Kharat via Kanoono House in Distt Kangra (HP) (SH:-Widening of road by providing formation cutting in Km 0/200 to 0/300 providing & laying interlocking concrete block pavement in Km 0/100 to 0/180)	Rs 434608/-	Rs 8700/-	Three months
10	Improvement of black spot Kandi to Saroot road Km 0/000 to 8/000 in Distt Kangra (HP) (SH:-Providing and fixing W-metal crash barrier at various reaches between Km 6/000 to 8/000).	Rs 498100/-	Rs 10000/-	Two months

1	Annual repair & maintenance of Tangroti Dhaloon road Km 0/000 to 4/480 in Distt Kangra (HP) (SH:-C/O breast wall at RD 3/390 to 3/400 (RHS) cement concrete pavement at Rd 3/330 to 3/390)	Rs 182226/-	Rs 3650/-	Two months
12	Providing way side facilities on various roads under Baroh Sub-Division HP PWD Baroh in Distt Kangra (HP) (SH:- Construction of rain Shelter on Mangrella Luhna Har road at Rd 4/000 Chhughera Kandi near palru at RD 15/300, Sakreh Damtehar road near Chandrot rd 3/200).	Rs 498072/-	Rs 10000/-	Three months

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 reserve s 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

(On behalf of Governor of Himachal Pradesh)

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

No.PW/NBD/Tender/2021/ 915-43

Dated/ 21-4-2022

#### 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 Superintending Engineer, 5<sup>th</sup> Circle, HPPWD, Palampur.
6. The Principal, Dr. RPGMC, Tanda.
7. The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the departmental website.
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



# SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 424030.00  
EARNEST MONEY: - Rs. 8500.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road Thana to Bushal road Km 0/000 to 4/300 in Distt Kangra (HP).  
SUB-HEAD :- Construction of Retaining wall at RD 3/630 to 3/705

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.	73.50 Cubic meters			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 with cement concrete, 1:5:10 (One cement: Five sand : Ten graded crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	81.25 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.	72.16 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.	32.40 Cubic metres			Per cubic metre	
TOTAL :-						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 421071.00  
EARNEST MONEY :- Rs. 8450.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Gujrehra to Dadkar road Km 0/000 to 4/015 in Distt Kangra (HP).

SUB-HEAD :- Construction of Retaining wall at RD 2/220 to 2/235

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.	38.75			Per cubic metre	
		Cubic metres				
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand ; Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	83.55			Per cubic metre	
		Cubic metres				
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.	63.84			per running metre	
		Running metres				
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.	21.60			Per cubic metre	
		Cubic metres				
TOTAL :-						

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

### Schedule of Quantity

ESTIMATED COST :- Rs. 498920.00  
EARNEST MONEY :- Rs. 10000.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK :-** Constuuction of link road Aerla to Haryat Km 0/000 to 2/000 in Distt. Kangra (H.P.)

**SUB HEAD :-** Providing and laying cement concrete pavement in Km 0/000 to 0/151

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) <b>Grading-II</b> 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 incidental.	35.67 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	71.35 Cubic meters			Per cubic metre	
<b>TOTAL :-</b>						

Executive Engineer,  
HP PWD Division,  
Tanda at Nagrota Bagwan.

### Schedule of Quantity

ESTIMATED COST: - Rs. 498920.00  
 EARNEST MONEY: - Rs. 10000.00  
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Constuuction of link road Kaparu Kanda to village Chandrot in Distt. Kangra (H.P.)

SUB HEAD :- Providing and laying cement concrete pavement in Km 0/700 to 0/851

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) <b>Grading-II</b> 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 milimetres) 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 incidental.	35.67 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	71.35 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

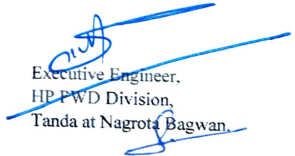
Executive Engineer,  
 HP PWD Division,  
 Tanda at Nagrota Bagwan.

### Schedule of Quantity

ESTIMATED COST :- Rs. 498920.00  
 EARNEST MONEY :- Rs. 10000.00  
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Constuuction of link road Jhamaca to Than in Distt. Kangra (H.P.)  
SUB HEAD :- Providing and laying cement concrete pavement in Km 0/000 to 0/151

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	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 milimetres) 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 incidental.	35.67 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	71.35 Cubic meters			Per cubic metre	
<b>TOTAL :-</b>						

  
 Executive Engineer,  
 HP PWD Division,  
 Tanda at Nagrota Bagwan.



### Schedule of Quantity

ESTIMATED COST: - Rs. 498920.00

EARNEST MONEY: - Rs. 10000.00

TIME LIMIT : THREE MONTHS

NAME OF WORK :- Constuuction of link road to village Bari-Da-Lahar in Distt. Kangra (H.P.)

SUB HEAD :- Providing and laying cement concrete pavement in Km 0/600 to 0/751

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	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 incidental.	35.67 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	71.35 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

Executive Engineer,  
HP PWD Division,  
Tanda at Nagroa Bagwan.



**Schedule of Quantity**

ESTIMATED COST :- Rs. 287222.00  
EARNEST MONEY :- Rs. 5750.00  
TIME LIMIT : THREE MONTHS

**NAME OF WORK :-** Constuuction of link road NH-88 to Gujjar Basti in G.P. Balugaloa in Distt. Kangra (H.P.)  
**SUB HEAD :-** Providing and laying cement concrete pavement in Km 0/600 to 0/700

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and laying concrete for plain reinforcement concrete in open foundation 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	48.04 Cubic meters			Per cubic metre	
<b>TOTAL :-</b>						

Executive Engineer,  
HP PWD Division,  
Tanda at Nagrota Bagwan.

# SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 311006.00  
 EARNEST MONEY: - Rs. 6250.00  
 TIME LIMIT: - TWO MONTHS

NAME OF WORK :- Special repair to Niku Ward (KMC) Unit & Piku ICU in Dr. R.P.G.M.C. at Tanda in Distt. Kangra (H.P.).

SUB-HEAD :- Repair of plaster, wall tiles, painting and distempering etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Repairs to plaster of 12 mm to 20 mm (Twelve to Twenty millimetre) thickness in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge including entire carriage of materials within all leads, lifts and other incidentals and as directed by the Engineer-in-Charge.	45.90 Square metres			Per square metre	
2	Providing and laying 600x600 mm (Six hundred into six hundred millimetre) thick vitrified 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 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 thickness, including grouting of joints (Payment for grouting of joints to be made separately), as per directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	45.90 Square metres			Per square metre	
3	Removing dry oil distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete, and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	1105.14 Square metres			Per square metre	
4	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete and as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1105.14 Square metres			Per square metre	
5	Wall painting with plastic emulsion paint One or more coats on old work of approved brand and manufacture to give an even any shade complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	1105.14 Square metres			Per square metre	
6	Painting with synthetic enamel paint One or more coats on old work of approved brand and manufacture of required colour to give an even shade complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	1105.14 Square metres			Per square metre	
<b>TOTAL :-</b>						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 434608.00  
EARNST MONEY : - Rs. 8700.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :-

Construction of link road Baroh Temple to Kharat via Kanoono House in Distt Kangra (HP).

SUB-HEAD :-

Widening of road by providing formation cutting in Km 0/200 to 0/300, Providing & laying intelocking concrete block pavement in Km 0/100 to 0/180

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to the tune of 6.10 cubic metres quantity at the rate of 300/- per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases, as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	246.90			Per cubic metre	
		Cubic metres				
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.	19.60			Per cubic metre	
		Cubic metres				
3	Providing and laying concrete for plain reinforcement concrete in open foundation 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-Incharge including carriage of materials within all leads, lifts and other incidentals.	22.59			Per cubic metre	
		Cubic metres				
4	Providing and laying 80mm (Eighty millimetres) thick cement concrete paver block of M-30 (M-Thirty) grade with approved color design and 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 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	196.00			per running metre	
		Square metres				
TOTAL :-						

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

Schedule of Quantity

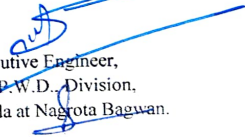
ESTIMATED COST: -  
EARNEST MONEY: -  
TIME LIMIT :

₹ 498100.00  
₹ 10000.00  
TWO MONTHS

**NAME OF WORK :-** Improvement of Black Spot on Kandi to Saroot road Km 0/000 to 8/000 in Distt. Kangra (H.P.).

**SUB-HEAD :-** Providing and fixing W-metal crash barrier at various reaches between Km 6/000 to 8/000.

S. No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In Words		
1	2	3	4		6	7
1	Providing and erecting "W" Metal Beam Crash Barrier comprising of 3mm (Three millimetres) thick corrugated sheet metal beam rail, to be kept 70 cm (Seventy centimetres) above road/ground level, fixed on post and special channel section, 150x75x5mm (One hundred fifty into sesventy five into five millimetres) spaced 2 metres (Two metres) center to center, 1.80 metres high, (One point eight zero), 1.10 metres (One point one zero metre) below ground/road level all steel parts and fitments to be galvanized by hot dip process. All fittings to confirm to IS: 1367 and IS: 1364, metal beam rail to be fixed on the vertical post with a space of channel section 150x75x5mm (One hundred fifty into sesventy five into five millimetres), 330mm (Three hundred thirty millimetres) long complete as per Clause 810 fixed in pit size 30cmx45cm (Thirty centimetres into forty five centimaetres) and one metre deep including cost of excavation and cement concrete 1:2:4 (one cement : Two sand : Four graded broken/ crushed stone aggregate 20mm (Twenty millimeters) nominal size in foundation as per direction of Engineer-in-charge including carriage of materials within all lead, lifts and other incidentals.	146.50 Running meters			Per running metre	
Total						

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



### Schedule of Quantity

ESTIMATED COST: - Rs. 182226.00  
EARNEST MONEY: - Rs. 3650.00  
TIME LIMIT: TWO MONTHS

NAME OF WORK :- Annual repair & maintenance of Tangroti Dhaloon road Km 0/000 to 4/480 in Distt. Kangra (H.P.)

SUB-HEAD :- C/O breast wall at RD 3/390 to 3/400 (RHS) cement concrete pavement at RD 3/330 to 3/390

S. No.	Description of items	Quantity	Rate		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 any lead including entire carriage of materials within all leads, lifts and other incidentals.	9.90 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding 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.	26.20 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 per drawing and HP.PWD technical specifications, and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8 Numbers			Each	
4	Providing and laying concrete for plain reinforcement concrete in open foundation 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-Incharge including carriage of materials within all leads and lifts and other incidentals.	9.00 Cubic meters			Per cubic metre	
<b>TOTAL: -</b>						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 498072.00

EARNEST MONEY:- ₹ 10000.00

TIME LIMIT :- THREE MONTHS

NAME OF WORK :-

Providing way road side facilities on various roads under Baroh Sub-Division HPPWD Baroh in Distt. Kangra (H.P.).

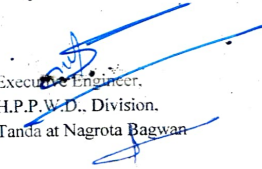
SUB-HEAD :-

Construction of Rain Shelter on Mangrella Luhna Har road at RD 4/000, Chhughera Kandi road near Palra at RD 15/300, Sakreh Dantehar road near Chandrot at RD 3/200

S. No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.	14.40 Cubic meters			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.	7.20 Cubic metres			Per cubic metre	
3	Providing centering and shuttering including strutting, propping etc. and removal of form for Edges of slabs and breaks in floors and walls under 20cm (Twenty centimetre) wide complete including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	56.00 Square metres			Per square metre.	
4	Boulder filling dry hand packed under flooring including consolidation complete as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	7.20 Cubic metres			Per cubic metre	
5	Providing and laying in position cement concrete of specified grade excluding 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.	14.40 Cubic metres			Per cubic metre	
6	Providing and fixing 100mm (One hundred milimetres) diametres milld steel hollow pipe (heavy grade) embeded in cement concrete masonry work and filled with cement mortar 1:3 (One cement: Three sand) including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	24.00 Running metres			Per running metre	

7	Steel work welded in built up sections in trusses and framed work joints channels, angles, tees frame work for ceiling flats with connection plates or angles, cleat as in trusses, trussed purlins main and cross beams, hips jack rafters, purlins connected to common rafters and the like in building including cutting, fixing, lifting, hoisting and; placing in position complete and applying a coat of red lead paint i/c framed work with angle tees 40x6mm (Forty into six millimetres) as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	10.32 Quintals			Per quintal	
8	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including entire carriage of materials within all leads, lifts and other incidentals	882.82 Kilogram			Per Kilo- gram	
9	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 materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	71.76 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/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.	10.20 Square metres			Per square metre	
11	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm (Zero point ninety liter / Ten square metre) over an under coat of primer applied @ 0.80 ltr/ 10 sqm (Zero point eighty liter / Ten square metre) of approved brand and manufacture including carriage of materials as directed by the Engineer-in-Charge, within all leads, lifts and other incidentals.	153.60 Square metres			Per Square metre	
12	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 Jaislmer 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.	60.00 Square metres			Per square metre	

13	Providing under layer for plinth protection of 75mm (Seventy five milimetres) thick(un-consolidated)bed of dry brick/stone aggregate 40mm (Forty milimetres) nominal sizes well rammed and consolidated and grouted with fine sand including preparation of ground including carriage of material within all leads, lifts of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge.	24.00 Square metres			Per square metre	
14	Providing plinth protection 50mm (Fifty milimetres) thick cement concrete 1:3:6 (One cement: Three sand: Six graded crushed stone aggregate 20mm (Twenty milimetres) nominal size) including finishing the top surfaces of concrete smooth including entire carriage of materials within all leads, lifts and other incidentals	24.00 Square metres			Per square metre	
15	Providing and fixing Hindi Matras commas and the like not to be measured and paise for saperately) 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.	3600.00 Centi- metres			Per centi metre.	
Total :-						

  
 Executive Engineer,  
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