

**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 **04.3.2022** 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 **03.03.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **02.03.2022** 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	Restoration of rain damages on Radh Ustehar Sakot Daulatpur road in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in different reaches between Km 1/000 to 3/000).	Rs 196065/-	Rs 3950/-	Three months
2	Annual repair and maintenance of link road to village Governand in Distt Kangra (HP) (SH:-Providing and laying cement concrete interlocking paver block in various Rds)	Rs 281030/-	Rs 5650/-	Three months
3	Annual repair and maintenance of Lilly Mundla road in Distt Kangra (HP) (SH:-Providing and laying WBM Grade-II in Km 1/820 to 2/405).	Rs 315016/-	Rs 6300/-	Three months
4	Link road from Govt. Primary School Kawari to Kuthial Basti in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road)	Rs 499985/-	Rs 10000/-	two months
5	Construction of Foot Bridge to Connect village Ocha in Distt Kangra (Himachal Pradesh) (SH:-Construction of Sub-Structure).	Rs 499610/-	Rs 10000/-	Three months
6	Annual repair and maintenance of Kawari Ambari road In Distt Kangra (HP) (SH:-Providing and laying cement concrete interlocking paver block in Km 5/60 to 5/700).	Rs 499969/-	Rs 10000/-	Two months
7	Construction of residential accommodation HP PWD at Nagrota Bagwan in Distt Kangra (HP) (SH:-Earth filling )	Rs 499927/-	Rs 10000/-	One month
8	Balance work special repair to Principal office in Dr R.P. Govt. Medical college at Tanda in Distt Kangra (HP) (SH:-Providing and fixing GI clip in metal ceiling prelaminated board aluminium work water supply & sanitary installation etc;)	Rs 478089/-	Rs 9600/-	One month
9	Link road Old Chhugi to Gas Godown Km 0/000 to 0/600 in Distt Kangra (HP) (SH:-Construction of 0.60 mtr span culvert with steel grating in KM 0/495 to 0/320).	Rs 498080/-	Rs 10000/-	Two months
10.	Construction of Jeepable road In G.P. Kaled i/c 9.50 mtrs span Bridge Sukad Khad in Distt Kangra (HP) (SH:-Providing and laying Cement concrete pavement between Km 0/000 to 0 /250).	Rs 499871/-	Rs 10000/-	Three months

11.	Special repair to Residential & Non Residential Building at Dr R.P. Govt. Medical College Tanda in Distt Kangra (HP) SH:-Providing and fixing PVC water storage tank water supply & sanitary installation	Rs 322910/-	Rs 6500/-	One month
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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**

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

No.PW/NBD/Tender/2021/ 14577-14606

Dated/ 18-2-2022

**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

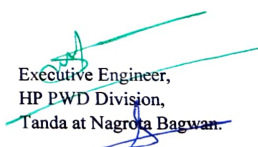
**Schedule of Quantity**

ESTIMATED COST: -	Rs.	196065.00
EARNEST MONEY : -	Rs.	3950.00
TIME LIMIT : -	<u>THREE MONTHS</u>	

**NAME OF WORK :-** Restoration of rain ditches on Radh Usthar Sakot Daulatpur road in Distt Kangra (HP).

**SUB HEAD :-** Providing and laying Cement Concrete Pavement road in different reaches between Km 1/000 to 3/000

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
		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.	54.23 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.	14.40 Cubic meters			Per cubic metre	
<b>TOTAL :-</b>						

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

**SCHEDULE OF QUANTITY**

ESTIMATED COST: -	Rs.	281030.00
EARNEST MONEY: -	Rs.	5650.00
TIME LIMIT: -	<b>THREE MONTHS</b>	

**NAME OF WORK** :- Annual repair and maintenance of link road to village Governand in Distt. Kangra (H.P.).

**SUB HEAD** :- **Providing and laying cement concrete interlocking paver block in varipous RDs**

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.	18.10 Cubic meters			Per cubic metre	
2	Providing and Laying 60mm (Sixty milimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 make of NTC/ GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	360.00 Square metres			Per Square metre	
<b>TOTAL :-</b>						

Executive Engineer,  
H.P.P.W.D Division,  
Tandaat Nagrota Bagwan.

**Schedule of Quantity**

ESTIMATED COST: -Rs.

315016.00

EARNEST MONEY : -Rs.

6300.00

TIME LIMIT :-

ONE MONTH

NAME OF WORK:- Annual Repair and Maintenance of Lilly Amtrar Mundla road in Distt Kangra (H.P.).

SUB HEAD: - Providing and laying WBM Grade-II in Km 1/820 to 2/405

Sr. No.	Description	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 53mm to 22.4mm (Fifty three millimeter to Twenty two point four millimeter) Grading-III 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 and as per drawing and HP.PWD technical specifications, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. The rate inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	140.51 Cubic metres			Per cubic metre	
TOTAL: -						

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

### Schedule of Quantity

ESTIMATED COST: - Rs. 499985.00  
EARNEST MONEY: - Rs. 10000.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Link road from Govt. Primary School Kawari to Kuthial Basti in Distt. Kangra (H.P.).

SUB HEAD :- **Providing and laying Cement Concrete Pavement road**

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	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 including entire carriage of materials within all leads, lifts and other incidentals	22.96 Quintals			Per quintal	
2	Providing and laying concrete for plain un-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 and as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	98.50 Cubic meters			Per cubic metre	
<b>TOTAL :-</b>						

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

**SCHEDULE OF QUANTITY**

ESTIMATED COST: -

₹ 499610.00

EARNEST MONEY: -

₹ 10000.00

TIME LIMIT :

THREE MONTHS

**NAME OF WORK** :- **Construction of Foot Bridge to Connect village Ocha in Distt. Kangra (Himachal Pradesh).**

**SUB HEAD** :- **Construction of Sub-Structure.**

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 50m (Fifty metres), dressing of sides and bottom and backfilling in trenches with excavated suitable 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.	63.15 Cubic meters			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement : Two and half sand : five graded) broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M-15 (M-Fifteen) 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.	117.50 Cubic metres			Per cubic metre	
3	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202, 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.	2.150 Tonne			Per tonne	
<b>TOTAL: -</b>						

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


**SCHEDULE OF QUANTITY**

ESTIMATED COST: - Rs. 499969.00  
EARNEST MONEY: - Rs. 10000.00  
TIME LIMIT : TWO MONTHS

**NAME OF WORK** :- Annual repair and maintenance of Kawari Ambari road in Distt. Kangra (H.P.).

**SUB HEAD** :- ***Providing and laying cement concrete interlocking paver block in Km 5/600 to 5/700***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and Laying 80mm (Eighty milimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 make of NTC/ GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	848.70 Square metres			Per Square metre	
TOTAL :-						

  
Executive Engineer,  
H.P.P.W.D Division,  
Tandaat Nagrota Bagwan.


### SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 499927.00  
EARNEST MONEY : - Rs. 10000.00  
TIME LIMIT : ONE MONTH

NAME OF WORK :- Construction of residential accommodation HPPWD at Nagrota Bagawan in Distt. Kangra (H.P.).

SUB-HEAD :- *Earth filling.*

S. No.	Description of items	Quantity	Rate		Unit	Amount
			<i>In fig.</i>	<i>In words</i>		
1	2	3	4	5	6	7
1	Construction of embankment with approved materials obtained from borrow pits with a lift upto 1.5m (One point five meters) transport to sill spreading grading to required slope and compacted to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000m (One thousand meters) as per Technical Specification Clause 301.5, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2807.00 Cubic metres			Per cubic metre	
<b>TOTAL: -</b>						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 478089.00  
 EARNEST MONEY: - Rs. 9600.00  
 TIME LIMIT :- ONE MONTH

NAME OF WORK :- Balance work of Special repair to Principal Office in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)

SUB-HEAD :- Providing and fixing GI clip in metal ceiling, prelaminated board, aluminium work, water supply & sanitary installation etc.

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and laying Duro stone vetrified tiles double charged planks of size 200x1200mm (Two hundred into one thousand two hundred milimetres) 600x600mm (Six hundred into six hundred milimetres) & 300x300mm (Three hundred into three hundred milimetres) thick Nitca/Rak/Simpolo/Kajaria in grey/coloured or of approved shade in skirting, treads of steps and landing laid on a bed of 12mm (Twelve millimeters) thick cement mortar 1:3 (One cement : three sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	25.83 Square metres			Per square metre	
2	Providing and fixing edge double moulding to 36mm (Thirty six millimetres) thick marble stone counters, vanties etc; including machine polishing to edge to give high gloss finish etc. complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	37.80 Square metres			Per square metre	
3	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter with enamel paint other than white complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	235.48 Square metres			Per square metre	
4	Extra over item No. 3 for every subsequent coat of paint with enamel paint other than white complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	235.48 Square metres			Per square metre	
5	Providing and fixing GI Clip in Metal Ceiling/GI Perforated ceiling System of 600x600 mm (Six hundred into six hundred millimetres) module which includes providing and fixing 'C' wall angle of size 20x30x20 mm (Twenty into thirty into twenty millimetres) made of 0.5 mm (Zero point five millimetres) thick pre painted steel along the perimeter of the room with help of nylon sleeves and wooden screws at 300 mm (Three hundred millimetres) center to centre, suspending the main C carrier of size 10x38x10 mm (Ten into thirty eight into ten millimetres) made of G.I steel 0.7 mm (Zero point seven millimetres) thick from the soffit with help of soffit cleat 37x27x25x1.6 mm (Thirty seven into twenty seven into twenty five into one point six millimetres), rawl plugs of size 38x12 mm (Thirty eight into twelve millimetres) and C carrier suspension clip and main carrier bracket at 1000 mm (one thousand millimetres) centre to centre inverted triangle shaped Spring Tee having height of 24 mm (Twenty four millimetres) and width of 34 mm (Thirty four millimetres) made of GI steel 0.45 mm (zero point forty five) thick is then fixed to the main C carrier and in direction perpendicular to it at 600 mm ( Six hundred millimetres) centers with help of suspension brackets. Wherever the main C carrier and spring T have to join, C carrier and spring T connectors have to be used. All sections to be galvanized @ 120 gms/sqm (One hundred twenty) (both side inclusive), fixing with clip in tiles into spring T with GI Metal Ceiling Clip complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	188.36 Square metres			Per square metre	
6	Providing and fixing Tata/Zindal to wall ceiling and floor galvanised mild steel tubes (heavy grade) tube fitting and clamps including making good the wall, ceiling and floor complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.					

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
i	20mm (Twenty milimetres) nominal bore	12.40			Per Running metre	
		Running metres				
ii	25mm (Twenty five milimetres) nominal bore	50.78			Per Running metre	
		Running metres				
7	Providing and fixing pipes on wall face PVC (D-Plast) rain water pipes of working pressure not less than 4.5 kg/sqm (Four point five kilogram/square) including filling the joints with approved adhesive complete and as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.					
i	110mm (One hundred ten millimetres) dia	10.20			Per Running metre	
		Running metres				
ii	75 mm (Seventy five milimetres) dia	30.00			Per Running metre	
		Running metres				
8	Providing and supplying 15mm (Fifteen milimetres) nominal bore CPVC Finolex, Ashirvad and Vectus pipe (Heavy Grade) tube fitting and clamps including making good the wall, ceiling and floor complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	26.80			Per Running metre	
		Running metres				
9	Providing and supplying 20mm (Twenty milimetres) nominal bore CPVC Finolex, Ashirvad and Vectus pipe (Heavy Grade) tube fitting and clamps including making good the wall, ceiling and floor complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	20.10			Per Running metre	
		Running metres				
10	Providing and fixing 610 x460 mm (Six hundred ten into four hundred sixty milimetres) with bowl depth 200 mm (Two hundred milimetres) stainless steel kitchen sink of approved standard ISI make with drain board and C.P. waste with C.I. or M.S. Brackets painted white including cutting holes and making good the same but excluding fitting Cera, Jaquuar and Hindware complete and as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1			Each	
		Number				
11	Providing and fixing 15mm (Fifteen milimetres) mixer for double kitchen sink with top / bottom swinging spout Cera, Jaquuar and Hindware complete and as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	1			Each	
		Number				
12	Providing and fixing 32mm (Thirty two milimetres) diametres C.P. brass waste pipe for wash basin or sink complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4			Each	
		Numbers				
13	Providing and fixing 32mm (Thirty two milimetres) C.P. coupling Cera, Jaquuar and Hindware complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	2			Each	
		Numbers				
14	25 mm wooden Second class Indian teak wood planking tongued and grooved, in flooring fixing to wooden base frame with iron screws complete (base wooden frame to be paid separately) complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4.70			Per Square metre	
		Square metres				
15	Providing and fixing 40mm (Forty milimetres) thick 2nd class Indian teak wood panelled glazed or panelled and glazed shutters for doors windows and clerestory windows, including black enamelled iron butt hinges with necessary screws complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	6.60			Per square metre	
		Square metres				

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
16	Polishing two coats with french polish on new wood and wood based surfaces to give an even surface including cleaning the surface ofm all dirt, dust, and sand paped smooth and including a coat of wood filler complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	30.05			Per Square metre	
		Square metres				
17	Providing and fixing 450x20mm (Four hundred fifty isto twenty milimetres) brass sliding door bolts or syed to required colour and shade with necessary screws etc. complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4			Each	
		Numbers				
18	Providing and fixing 450x20mm (Four hundred fifty isto twenty milimetres) brass tower bolts (berrel type) or syed to required shade and colour with necessary screws etc. complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4			Each	
		Numbers				
19	Providing and fixing 380mm (Three hundred eighty millimetres) brass handles or dyed to required colour & shade with necessary screws etc. complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4			Each	
		Numbers				
20	Providing and fixing 250x16mm (Two hundred fifty isto sixteen milimetres) anodized aluminium sliding door bolts anodized transparent or syed to required colour and shade with necessary screws etc. complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	2			Each	
		Numbers				
21	Providing and fixing 250x10mm (Two hundred fifty isto ten milimetres) aluminium tower bolts (berrel type) anodized transparent or syed to required shade and colour with necessary screws etc. complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	2			Each	
		Numbers				
22	Providing and fixing 100mm (One hundred millimetres) aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	4			Each	
		Numbers				
23	Providing and fixing 100mm bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	6			Each	
		Numbers				
24	Providing and fixing anodised aluminium work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for doors windows and ventilators and glazed partitions frames. All complete as per architectural drawings complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	50.60			Per Kilogra m	
		Kilograms				
25	Providing and fixing anodised aluminium work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	35.80			Per Kilogra m	
		Kilograms				

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
26	Providing and fixing 12mm (Twelve millimetres) thick prelaminated board both side bwp phenol bonded exterior/interior grade panelled shutters including bright finished/black enamelled iron butt hinges with necessary screws complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	7.40 Square metres			Per square metre	
27	Providing and fixing 600x450mm (Six hundred into Four hundred fifty milimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
28	Providing and fixing 15mm (Fifteen millimetres) dia C.P. brass pillar tap with capstan head Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2 Number			Each	
29	Providing and fixing 600x20mm (Six hundred into Twenty milimetres) size C.P. Brass Towel rail Cera, Jaquar and Hindware complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws complete and as per direction of Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
30	Providing and fixing 15mm (Fifteen milimetres) nominal bore C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	4 Numbers			Each	
31	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of material within all leads, lifts and other incidentals.	4 Number			Each	
32	Providing and fixing vitreous china urinal pot Cera, Jaquar and Hindware complete and as per direction of Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	2 Numbers			Each	
33	Providing and fixing 75mm (Seventy five milimetres) PVC socket complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
34	Supplying cast iron cover without frame for manholes for frame of internal dimension 300x300mm (Three hundred into three hundred milimetres) rectangular C.I. Cover (light duty single seal pattern-1) the weight of cover to be not less than 23 kg. (Twenty three Kilograms) complete as per direction of Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
35	Providing and fixing 25mm (Twenty five milimetres) plain elbow complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	6 Numbers			Each	
36	Providing and fixing 25mm (Twenty five milimetres) plain tee complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
37	Providing and fixing 25mm (Twenty five milimetres) tank Nipple complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	5 Numbers			Each	
38	Providing and fixing 25mm (Twenty five milimeters) G.I. Nipple complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	2" (Two Inch)	2 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			<i>In fig</i>	<i>In words</i>		
i	2	3	4	5	6	7
ii	4" (Four Inch)	6			Each	
		Numbers				
iii	6" (Six Inch)	4			Each	
		Numbers				
iv	9" (Nine Inch)	4			Each	
		Numbers				
39	Providing and fixing 15mm (Fifteen millimetres) nominal bore brass full way valve with wheel Cera, Jaquar and Hindware complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	2			Each	
		Number				
40	Providing and fixing 25mm (Twenty five millimetres) G.I./M.I Union Cera, Jaquar and Hindware complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	6			Each	
		Numbers				
41	Providing and fixing 25mm (Twenty five millimetres) reducer complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	2			Each	
		Numbers				
42	Providing and fixing 15mm (Fifteen millimetres) nominal bore P.V.C connection 300/450mm (Three hundred / Four hundred fifty millimetres) long with brass unions Cera, Jaquar and Hindware complete and as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8			Each	
		Numbers				
43	Providing and fixing PTMT Coloured/white high density polyethylene / poly propylene 10.00 ltrs (Ten litres) capacity (Full flush) European standard control low level flushing cistern with fittings with a pair of brackets with fittings such as lead valve, syphon, 15mm (Fifteen millimetres) nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm (Forty millimetres) dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	1			Each	
		Number				
<b>TOTAL :-</b>						

Executive Engineer  
HP PWD Division  
Tanda at N/Bagwan.

# SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 498080.00  
 EARNEST MONEY: - Rs. 10000.00  
 TIME LIMIT : TWO MONTHS

**NAME OF WORK :-** Link road Old Chungi to Gas Godown Km 0/000 to 0/600 in Distt. Kangra (H.P.).

**SUB-HEAD :-** Construction of 0.60 mtr span culvert with steel grating in Km 0/495 to 0/320

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 9Ten 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.	24.16 Cubic meters			Per cubic metre	
2	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.	2.02 Cubic metres			Per cubic metre	
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 and lifts and other incidentals.	12.60 Cubic meters			Per cubic metre	
4	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 etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials within all leads, lifts and other incidentals.	3770.00 Kilogram			Per kilogram	
<b>TOTAL: -</b>						

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

### Schedule of Quantity

ESTIMATED COST: - Rs. 499871.00  
 EARNEST MONEY: - Rs. 10000.00  
 TIME LIMIT : THREE MONTHS

**NAME OF WORK :- Construction of Jeepable road in G.P. Kaled i/c 9.50 mtrs span Bridge over Sukad Khad in Distt Kangra (HP).**

**SUB HEAD :- Providing and laying Cement Concrete Pavement between Km 0/000 to 0/250**

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.	24.60 Cubic metres			Per 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 and lifts and other incidentals.	69.30 Cubic meters			Per cubic metre	
2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, up to any lead and lift as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	300.00 Cubic meters			Per cubic metre	
<b>TOTAL :-</b>						

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

# SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 322910.00  
EARNEST MONEY :- ₹ 6500.00  
TIME LIMIT :- ONE MONTH

NAME OF WORK :- Special repair to Residential & Non Residential Building at Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P.)  
SUB-HEAD :- Providing and fixing PVC water storage tank, water supply & sanitary installation etc.

Sl. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and fixing 2000 (Two thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (Fifteen milimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	5 Numbers			Each	
2	Providing and fixing 1000 (One thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (Fifteen milimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	4 Numbers			Each	
3	Providing and fixing 500 (Five thousand) litres net capacity tank (THREE LAYER SINTAX, JAI BHARAT, D-PLAST, VECTUS) PVC water storage tank of ISI : 12701 marked, G.I. inlet and outlet connection, 15mm (Fifteen milimetres) nominal bore ball valve and mosquito proof PVC cover with locking arrangement including hoisting up to all heights above ground level complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8 Numbers			Each	
4	Providing and fixing Tata & Zindal to wall ceiling and floor galvanised mild steel tubes (heavy grade) tube fitting and clamps including making good the wall, ceiling and floor complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) nominal bore	208.00 Running metres			Per Running metre	
ii	20mm (Twenty milimetres) nominal bore	325.00 Running metres			Per Running metre	
iii	25mm (Twenty five milimetres) nominal bore	91.50 Running metres			Per Running metre	
5	Providing and fixing G.I. Elbow complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) dia	80 Numbers			Each	
ii	20mm (Twenty milimetres) dia	102 Numbers			Each	
ii	25mm (Twenty five milimetres) dia	54 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
6	Providing and fixing G.I./M.I Union of following sizes (where not included in the items ) complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) dia	16 Numbers			Each	
ii	20mm (Twenty milimetres) dia	65 Numbers			Each	
7	Providing and fixing G.I. tee equal complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) dia	40 Numbers			Each	
ii	20mm (Twenty milimetres) dia	34 Numbers			Each	
8	Providing and fixing G.I. socket complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) dia	50 Numbers			Each	
ii	20mm (Twenty milimetres) dia	84 Numbers			Each	
ii	25mm (Twenty five milimetres) dia	20 Numbers			Each	
9	Providing and fixing G.I. Tank Nipple complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) dia	2 Numbers			Each	
ii	20mm (Twenty milimetres) dia	26 Numbers			Each	
ii	25mm (Twenty five milimetres) dia	33 Numbers			Each	
10	Providing and fixing brass full way valve with wheel Cera, Jaquar and Hindware complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) nominal bore	26 Numbers			Each	
ii	20mm (Twenty milimetres) nominal bore	39 Numbers			Each	
iii	25mm (Twenty five milimetres) nominal bore	5 Numbers			Each	

Sl. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
			4	5		
11	Providing and fixing brass ball valve (horizontal plunger type) high pressure with polythene plastic floats Cera, Jaquar and Hindware complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	3				
i	15mm (Fifteen milimetres) nominal bore	10 Numbers			Each	
ii	20mm (Twenty milimetres) nominal bore	16 Numbers			Each	
iii	25mm (Twenty five milimetres) nominal bore	8 Numbers			Each	
12	Providing and fixing 15mm (Fifteen milimetres) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of material within all leads, lifts and other incidentals.	7 Numbers			Each	
13	Providing and fixing 15mm (Fifteen milimetres) dia C.P. brass bib tap with capstan head Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of material within all leads, lifts and other incidentals.	20 Numbers			Each	
14	Providing and fixing 15mm (Fifteen milimetres) nominal bore C.P. brass angle valve without nuts and pipe Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	26 Numbers			Each	
15	Providing and fixing PTMT jet spray of approved quality and colour with one metre tube Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of material within all leads, lifts and other incidentals.	12 Numbers			Each	
16	Providing and fixing chromium plated brass soap dish of IS marked No. 8931 & 8934 with C.P. brass brackets fixed to wooden cleats with CP brass screws Cera, Jaquar and Hindware complete and stacking upto any lead complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	18 Numbers			Each	
17	Providing and fixing 600x20mm (Six hundred into Twenty milimetres) size C.P. Brass Towel rail Cera, Jaquar and Hindware complete with C.P. Brass brackets fixed to wooden plugs with C.P. Brass screws complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	10 Numbers			Each	
18	Providing and fixing Brass stop cocks Cera, Jaquar and Hindware complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres) dia	18 Numbers			Each	
ii	20mm (Twenty milimetres) dia	18 Numbers			Each	
19	Providing and fixing G.I. Nipple complete as per direction of Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.					
i	15mm (Fifteen milimetres)					
	2" (Two Inch)	10 Number			Each	
	3" (Three Inch)	6 Number			Each	
	4" (Four Inch)	8 Number			Each	
	6" (Six Inch)	15 Number			Each	

Sl. No.	Description of items	Quantity	Rate		Unit	Amount
			<i>In fig</i>	<i>In words</i>		
	2	3	4	5	6	7
1					Each	
20	Providing and fixing 15mm (Fifteen milimetres) nominal bore P.V.C connection 300/450mm (Three hundred / Four hundred fifty millimetres) long with brass unions Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	20 Numbers				
<b>TOTAL :-</b>						

Executive Engineer  
HP PWD Division  
Tanda at Nagpur, Nagpur