

**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 **27.12.2021** 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 **24.12.2021** up to **4:00 P.M.** and the application for issue of tender form shall be received on **23.12.2021** 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 Govt. B. Pharmacy College at Nagrota Bagwan in Distt Kangra (HP) (SH:- Providing and fixing aluminium partition work in Corridors of Academic Block)	Rs 280847/-	5650/-	Two months
2	Restoration of rain damages on Kholi to Kaled via Simbal Khola in Distt Kangra (HP) (SH:-C/O R/wall at RDs 3/155 to 3/167).	Rs 499812/-	10000/-	Three months
3	Annual repair & maintenance of various roads under Baroh Sub-Division HP PWD Baroh in Distt Kangra (HP) (SH:-Providing and fixing Kilometre Stones, Boundary Pillars & Cat Eyes (Road Studs) etc;	Rs 499588/-	10000/-	Two months
4	Construction of link road from Baldhar to Bheru Km 0/000 to 1/500 in Distt Kangra (HP) (SH:- Providing and laying cement concrete pavement at RD between In Km 0/370 to 0/480).	Rs 397275/-	7950/-	Two months
5	Construction of link road to village Chkban Sarotri Km 0/000 to 2/500 in Distt Kangra (HP) (Under TASP Head) (SH:-Construction of vented causeway along with wing walls at RD 1/200).	Rs 499765/-	10000/-	Two months
6	Construction of link road to village Chakban Sarotri Km 0/000 to 2/500 in Distt Kangra (HP) (Under TASP Head) (SH:-Construction of Hume Pipr culvert 900mm dia alongwith wing walls at RD 1/280, 1/350 and formation cutting in road bed to improve the gradient at RD 0/650 to 0/700 and P/L cement concrete pavement (M-20) grade at RD 1/195 to 1/210).	Rs 499941/-	10000/-	Two months
7	Construction of link road from KCC Bank Danou to Samyal Patial Basti in Distt Kangra (HP) (SH:-C/O Retaining wall at RD 0/045 to 0/060 and Providing and laying cement concrete pavement at RD 0/000 to 0/094).	Rs 4,99,505/-	10,000/-	Three months
8	Construction of link road from Baldhar to Bheru Km 0/000 to 1/500 in Distt Kanra (HP) (SH:- Formation cutting work & retaining wall at various RDs between KM 0/400 to 0/500).	Rs 4,00,066/-	8,000/-	Two months
9	Construction of link road from KCC Bank Danou to Samyal Patial Basti in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement at RD 0/500 to 0/700).	Rs 4,99,911/-	10000/-	Three months
10	Annual maintenance plan for 2021-22 on Nagrota to Bhuner road in Distt Kangra (HP) (SH:- Providing and fixing cat eyes in Km 0/000 to 3/000 to 4/000)	Rs 4,90,000/-	9800/-	One month
11	Construction of link road from Guru Ka Tanda to Shamshan Ghat road in G.P. Kawari in Distt Kangra (HP) (SH:-Earth filling & providing and laying cement concrete pavement between 0/390 to 0/585).	Rs 3,96,927/-	7950/-	Two months
12	Special repair to Anatomy Block in Dr R.P.G.M.C Tanda in Distt Kangra (HP) (SH:-P/F AC sheet ceiling, BP sheets, brick work, Paint and WS & SI in lecture theater).	Rs 1,48,844/-	3000/-	Two months

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

10861-90

Dated/

14-12-2021

Copy to the following for information and necessary action:-

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

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

Job 216-1

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 280847.00
 EARNEST MONEY: - Rs. 5650.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of Govt. B.Pharmacy College at Nagrota Bagwan in Distt. Kangra (H.P.).
 SUB-HEAD :- Providing and fixing aluminium partition work in Corridors of Academic Block.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	2 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. Glazing, paneling and dash fasteners to be paid for separately For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) complete as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	3 336.05 Kilogram	4	5	6 Per Kilo-gram	7 7
2	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. Glazing, paneling and dash fasteners to be paid for separately For fixed portion 21.1.1.1 Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC15) complete as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	216.76 Kilogram			Per Kilo-gram	

3	Providing and fixing aluminium work for doors, windows, board flat pressed three layer or graded wood particle board with decorative lamination on both sides conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	26.28 Square metres			Per square metre.
4	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and (Cost of aluminium snap beading shall be paid in basic item With float glass panes of 8 mm (Eight millimetres) thickness (weight not less than 20 kg/ sqm (Twenty kilogram per square metre) complete as per architectural drawings and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	14.40 Square metres			Per square metre.
5	Providing and fixing 300x16mm (Three hundred into sixteen millimetres) nominal size aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc; complete as per architectural drawings and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	6 Numbers			Each
6	Providing and fixing 200x10mm (Two hundred into ten millimetres) nominal size aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete as per architectural drawings and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	12 Numbers			Each
7	Providing and fixing 125mm (One hundred twenty five millimetres) nominal size aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc; complete as per architectural drawings and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	12 Numbers			Each
8	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg (Thirty six kilogram to Eighty kilograms) and door width from 701 mm to 1000 mm) (Seven hundred millimetres to One thousand millimetres), with double speed adjustment with necessary accessories and screws etc; complete and as per architectural drawings and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	6 Numbers			Each

9	Providing and fixing 150 mm (One hundred fifty millimetres) thick bright finished floor brass door stopper with rubber cushion, necessary brass screws etc. to suit shutter thickness complete and as per architectural drawings and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	6 Numbers		Each	
TOTAL :-					


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

Job-2

Schedule of Quantity

ESTIMATED COST: - Rs. 499812.00
 EARNEST MONEY :- Rs. 10000.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Kholi to Kaled via Simbal Khola in Ditt. Kangra (H.P.).

SUB-HEAD :- C/O R/wall at RDs 3/155 to 3/167

S. No.	Description	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.	25.36 Cubic metres			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.	231.75 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 Numbers			Each	
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.	22.15 Cubic metres			Per cubic metre	
TOTAL :-						

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

Job-3

Schedule of Quantity

ESTIMATED COST: - Rs. 499588.00
 EARNEST MONEY: - Rs. 10000.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK: - Annual repair & maintenance of various roads under Baroh Sub-Division, HP PWD Baroh in Distt. Kangra (H. P.)
 SUB-HEAD: - Providing and fixing Kilometre Stones, Boundary Pillars & Cat Eyes (Road Studs) etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	Reinforced cement concrete mechanically mixed and vibrated, M-15 grade nominal mix 1: 2 ½ : 5 (one cement : two & half sand : five graded crushed stone aggregate 20mm (twenty millimetre) nominal size, kilometre stone/ local stone of standard design as per IRC : 8 (eight) Fixing in position including painting and printing etcetera as per drawing and M.O.R.D. technical specification rural roads Clause 1703 (ordinary kilometre stone, precast) including hauling of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge.	3 15 Numbers	4	5	6 Each	7
2	Reinforced cement concrete mechanically mixed and vibrated, M-15 grade, nominal mix 1: 2 ½ : 5 (one cement : two & half sand : five graded crushed stone aggregate 20mm (twenty millimetre) nominal size, in kilometre stone/ local stone of standard design as per IRC : 8 (eight) Fixing in position including painting and printing etcetera as per drawing and M.O.R.D. technical specification rural roads Clause 1703 [200 metres (two hundred metres) stone, precast]. Including hauling of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge	100 Numbers			Each	
3	Providing & fixing dual directional retro reflective Cat Eyes studs made for high quality colour less retro reflective mini board embedded to 6mm high (Six millimeters impact plastic eyes of dia 16mm (Sixteen millimeters) containing 7 (Seven) beds to each thus making a total of 42 (Forty two) beds housed on both sides in a strong aluminum cates studs size 10x10cm (ten into ten centimeter) provided with a mild steel zinc plated nail of dia 12mm (Twelve millimeters) for fixing to roads by hammering made green/Lite only as per HPPWD technical specifications and as per directed by Engineer-Incharge, including carriage of materials within all leads, lifts of materials and other incidentals.	4810 Numbers			Each	
TOTAL: -						

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

Job-4.

Schedule of Quantity

ESTIMATED COST :- Rs. 397275.00
EARNEST MONEY :- Rs. 7950.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road from Baldhar to Bheru Km 0/000 to 1/500 in Distt Kangra (HP).
SUB HEAD :- Providing and laying cement concrete pavement at RD between in Km 0/370 to 0/480

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
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 incidentals.	3 57.20 Cubic metres	4	5	6 Per Cubic metres	7
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-In-charge including carriage of materials within all leads and lifts and other incidentals.	100.10 Cubic meters			Per cubic metre	
TOTAL :-						

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

Job-5

Schedule of Quantity

ESTIMATED COST: - Rs. 499765.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Construction of link road to village Chakhan Sarotri Km 0/000 to 2/500 in Distt Kangra (HP). (Under TASP Head)
SUB HEAD :- Construction of vented causeway along with wing walls at RD 1/200

S. No.	Quantity	Rate		Unit	Amount
		In fig	In words		
1	3	4	5	6	7
1	68.39 Cubic meters			Per cubic metre	
2	44.25 Cubic meters			Per cubic metre	
3	32.80 Cubic metres			Per cubic metre	
4	16.00 Running metre			Per running metre	
5	12 Numbers			Each	
6	34.00 Cubic metres			Per cubic metre	

7	Earth Filling in foundation trenches as per drawing and technical specification Clause 305.3.9, including entire carriage of materials within all leads, lifts and other incidentals.	5.40 Cubic metres			Per cubic metre
8	Steel reinforcement for Reinforced Cement Concrete work including straightening, cutting, bending, placing in position and binding all complete above plinth level Hot rolled deformed bars 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.	135.00 Kilogram			Per kilo gram
TOTAL :-					


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

Job No-6

Schedule of Quantity

ESTIMATED COST: - Rs. 499941.00
EARNEST MONEY: - Rs. 10000.00
TIME LIMIT: TWO MONTHS

NAME OF WORK :- Construction of link road to village Chakban Sarotri Km 0/000 to 2/500 in Distt Kangra (HP). (Under TASP Head)
SUB HEAD :- Construction of Hume Pipe culvert 900mm dia alongwith wing walls at RD 1/280, 1/350 and Formation Cutting in road bed to improve the gradient at RD 0/650 to 0/700 and P/L cement concrete pavement (M-20) grade at RD 1/195 to 1/210

S. No.	Description	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.	3 250.46 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 1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm (Forty millimetre) nominal size) complete etc as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	28.97 Cubic meters			Per cubic metre	
3	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) 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.	37.22 Cubic metres			Per cubic metre	
4	Providing and laying non-pressure NP2 class R.C.C. hume pipes 900mm (Nine hundred millimetre) dia with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc; 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.	15.00 Running metre			Per running metre	
5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm (One hundred millimetre) 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.	16 Numbers			Each	

6	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, 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.	13.44 Cubic metres			Per cubic metre
7	Earth Filling in foundation trenches as per drawing and technical specification Clause 305.3.9, including entire carriage of materials within all leads, lifts and other incidentals.	12.35 Cubic metres			Per cubic metre
8	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.	4.49 Cubic metres			Per cubic metre
9	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.	9.40 Cubic meters			Per cubic metre
TOTAL :-					


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

Schedule of Quantity

ESTIMATED COST: - Rs. 499504.00
EARNEST MONEY :- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from KCC Bank Danoa to samyal Patial Basti in Distt Kangra (HP).

SUB HEAD :- Construction of Retaining wall at RD 0/045 to 0/060 and providing and laying Cement Concrete Pavement at RD 0/000 to 0/094

S. No.	Description	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 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-In-charge including carriage of material within all leads, lifts and other incidentals.	18.08 Cubic metres			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) complete as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	36.29 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm (One hundred millimetre) 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-In-charge including carriage of material within all leads, lifts and other incidentals.	8 Numbers			Each	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as per drawing and HP.PWD technical specifications and as directed by Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	11.35 Cubic metres			Per cubic metre	
5	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 and as per drawing and HP.PWD technical specifications, as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	29.61 Cubic metres			Per cubic metre	

6	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) (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.	45.16 Cubic meters			Per cubic metre
TOTAL :-					


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

206-8

Schedule of Quantity

ESTIMATED COST: - Rs. 400066.00
EARNEST MONEY: - Rs. 8000.00
TIME LIMIT: TWO MONTHS

NAME OF WORK :- Construction of link road from Baldhar to Bheru Km 0/000 to 1/500 in Distt Kangra (HP).
SUB HEAD :- Formation cutting work & Retaining wall at various RDs between Km 0/400 to 0/500

S. No.	Quantity	Rate		Unit	Amount
		In fig	In words		
1	3	4	5	6	7
1	628.53 Cubic meters				
	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 31.42 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.				
2	18.81 Cubic meters			Per cubic metre	
	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.				
3	102.95 Cubic meters			Per cubic metre	
	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 in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) including entire carriage of materials within all leads and lifts and other incidentals.				

4	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.	14.80 Cubic metres			Per cubic metre	
5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia P.V.C 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.	48 Numbers			Each	
TOTAL :-						


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

Job-9

Schedule of Quantity

ESTIMATED COST:- Rs. 499908.00
EARNEST MONEY:- Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from KCC Bank Danoa to Samyal Patial Basti in Distt Kangra (HP).
SUB HEAD :- Providing and laying Cement Concrete Pavement at RD 0/500 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, 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 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.	25.38 Cubic metres			Per cubic metre	
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.	77.08 Cubic meters			Per cubic metre	
TOTAL :-						


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

Job-10

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 490000.00
EARNEST MONEY :- ₹ 9800.00
TIME LIMIT :- ONE MONTH

NAME OF WORK :- Annual maintenance plan for 2021-22 on Nagrota to Bhuner road in Distt. Kangra (H.P.).
SUB HEAD :- Providing and fixing Cat Eyes in Km 0/000 to 1/000 & 3/000 to 4/000

Sr. No	Description of items	Quantity	Rate		Unit	Amount
			In Fig.	In Words		
1	2	3	4		5	6
1	Supply and fixing of dual directional reflective cat eyes of impact resistant ABS plastic studs 100x100mm (One hundred' millimetres) having ultraviolet resistant colour (White/red/yellow) with plastic ABS strip containing 31x2=62 mini retro relective glass beads of colour white/red/yellow to a side provided with self built in plastic stem for firm fixing to road with epoxy Cat Part No. GPL-02-32 make Greens/Greenl or equivalent 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.	3920 Numbers			Each	
TOTAL :-						

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

Schedule of Quantity

NAME OF WORK :- Construction of link road from Guru Ka Tyala to Shamshan Ghat road in G.P. Kawari in Distt Kangra (HP).
SUB HEAD :- Earth filling, providing and laying Cement Concrete Pavement between Km 0/390 to 0/585

ESTIMATED COST :- Rs. 396927.00
EARNEST MONEY :- Rs. 7950.00
TIME LIMIT : TWO MONTHS

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm (Twenty centimetres) in trenches, plinth, sides of foundation etc. complete and as per drawing and HP.PWD technical specifications, as directed by the Engineer-In-charge including carriage of materials within all leads, lifts and other incidentals.	3 903.10 Cubic metres	4	5	6 Per cubic metre	7
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) 20mm (Twenty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-In-charge including carriage of materials within all leads and lifts and other incidentals.	25.65 Cubic meters			Per cubic metre	
TOTAL :-						


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

SCHEDULE OF QUANTITY

NAME OF WORK :- Special repair to Anatomy Block at Dr. R.P.G.M. College Tanda in Distt. Kangra (H.P.).
SUB HEAD Providing and fixing AC sheet ceiling, B.P. sheet, brick work, painting and W/S & S/I in Lecture Theater

ESTIMATED COST :- ₹ 148844.00
 EARNEST MONEY :- ₹ 3000.00
 TIME LIMIT : TWO MONTHS

S. No.	Description of Items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Second class brick masonry using common burnt clay building bricks in foundation and plinth upto any floor level in cement mortar 1:6 (One cement: Six sand) and curing complete including carriage of material within all leads, lifts and other incidentals as per approved specifications drawing, design and as directed by the Engineer-In-Charge. The rate inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1.20 Cubic metres			Per cubic metre	
2	Second class half brick masonry in common burnt clay building bricks in cement mortar 1:4 (One cement : Four sand) complete and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .	7.40 Square meters			Per square metre	
3	15mm (Fifteen millimetres) thick cement plaster in single coat on fair side of brick/concrete/stone walls for interior plastering upto all floor levels including arises internal rounded angles, chamfers and or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement: Six sand) complete including entire carriage of materials as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	12.60 Square metres			Per square metre	
4	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete and as per direction of Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.	280.400 Square metres			Per square metre	
5	Applying J.K. Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete and as per direction of Engineer- In-charge, including carriage of materials within all leads, lifts and other incidentals.	112.16 Square metres			Per square metre	
6	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- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	280.40 Square metres			Per square metre	
7	Extra over item No. 6 for every subsequent coat of paint with enamel paint other than white complete and as per direction of Engineer- In-charge, including entire carriage of materials within all leads, lifts and other incidentals.	280.40 Square metres			Per square metre	
8	Providing and fixing 6mm (Six millimeters) thick plain asbestos cement sheet ceiling of approved quality with butt jointing and wood screws (frame work and cover fillets to be measured and paid for separately) complete including carriage of material within all leads, lifts and other incidentals.	241.30 Square metres			Per square meter	
9	Providing and fixing plain B.P. iron sheet 1.60mm to 2mm (One decimal sixty millimeter to Two millimetres) thick 16 gauge fixed in soffits /ceiling including jointing with gas/electric welding in position complete (frame work is to be measured and laid for separately) complete including carriage of material within all leads, lifts and other incidentals.	8.91 Square metres			Per square metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
10	Providing and fixing C.P brass pillar tap with capstan head 15mm(Fifteen millimeters) dia as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	20 Numbers			Each	
11	Providing and fixing P.V.C. connection 300x450mm (Three hundred into four hundred fifty millimeters) length with check nut and brass union Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	20 Numbers			Each	
12	Providing and fixing 15mm (Fifteen millimeters) C.P. brass angle valve without nuts and pipe Cera or its equivalent complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18 Numbers			Each	
13	Providing and fixing 15mm (Fifteen millimeters) diameters long nose brass bib tap (Superior or heavy type) Cera, Jaquar and Hindware complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	13 Numbers			Each	
14	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 millimeters) nominal size PVC ball valve with polythene float, with push button, couplings for connections with inlet, outlet and over flow pipe, 40mm (Forty millimeters) 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) complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	11 Number			Each	
TOTAL :-						


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