

**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 **20.06.2022** 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 **18.06.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **17.06.2022** up to **12:00 noon**. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Construction of link road from Kalizan to Balol Km 0/000 to 7/475 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 2/898.40 to 2/919.50 (L/S)	452848/-	9150/-	Three months
2	Construction of link road from Ambla Basti and Rahar Basti in G.P. Uperli Manjhetli Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of crate work at RD 0/488 to 0/540)	499981/-	10000/-	Three months
3	Construction of Saroot to Toru road Km 0/000 to 3/000 in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/345 to 0/400)	172795/-	3500/-	One month
4	Construction of Saroot to Toru Km 0/000 to 3/000 in Distt Kangra (HP) (SH:-Providing and laying Granular and wearing in Km 0/000 to 0/345)	499913/-	10000/-	One month
5	Restoration of rain damages on Radh Ustehar Mundla Daulatpur road Km 0/000 to 5/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 1/925 to 1/935 (L-10.00 mtrs Ht 3.04 mtrs) and C/O Breast wall at RD 3/150 to 3/120 (L=15.00 mtrs Ht 2.44 mtrs).	397069/-	7950/-	Three months
6	Annual repair & maintenance of Kangra Tanda Sadarpur Thanpuri road Km 0/000 to 6/000 in Distt Kangra (HP) (SH:-Construction of U-shape drain at RD 1/780 to 2/150)	336879/-	6750/-	Two months
7	Construction of link road to Mehta Basti in G.P. Jalot in Distt Kangra (HP) (SH:-Construction of 900mm dia Hume pipe culvert , C/O retaining wall and P/L cement concrete pavement (Deposit work)	498998/-	10000/-	Three months
8	Additional accommodation for Divisional store Building under stock storage in Distt Kangra (HP) (SH:-Construction of building portion etc;)	492395/-	9850/-	Two months
9	Construction of link road from Sakrehar to Dharamgiri road Km 0/000 to 1/800 in Distt Kangra (HP) (SH:-Providing and laying soling)	239655/-	4800/-	Three months
10	Construction of Malan Ambari Kawari road Km 0/000 to 6/600 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 5/015 to 5/025, U Shape drain at RD 4/750 to 4/885 and P/L cement concrete pavement road at RD 5/040 to 5/080)	481644/-	9650/-	Three months
11	Construction of link road from Ambla Basti and Rahar Basti in G.P. Uperli Manjhetli Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of crate work at RD 0/300 to 0/315)	498438/-	10000/-	Three months
12	Additional accommodation fro Divisional store under Stock storage in Distt Kangra (HP) (SH:-Construction of boundary wall, cement concrete 1:3:6 painting work & steel work etc;)	498163/-	10000/-	Two months

	Construction of Saroot to Toru road Km 0/000 to 3/000 in Distt Kangra (HP) (SH:-Providing and laying Bituminous Concrete pavement in Km 0/000 to 0/345)	446703/-	8950/-	One Month
14	Construction of link road from Kalizan to Balol Km 0/000 to 7/475 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 2/889 to 2/919.50 (R/S)	490596/-	9850/-	Three months

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

HIMSUCHANA AVAM & JAN SAMPARK

(On behalf of Governor of Himachal Pradesh)

No.PW/NBD/Tender/2022/ 3409-39

Dated/ 10/06/2022

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, 5th 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. 455284.00
 EARNEST MONEY: - Rs. 9150.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from Kalizan to Balol Km 0/000 to 7/475 in Distt Kangra (HP)

SUB-HEAD :- Construction of retaining wall at RD 2/898.40 to 2/919.50 (L/S).

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.	12.02 Cubic meters			Per cubic metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	213.97 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as per drawing and HP.PWD technical specifications, and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	20 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-Incharge including carriage of material within all leads, lifts and other incidentals.	12.75 Cubic metres			Per cubic metre	
TOTAL: -						

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

Schedule of Quantity

ESTIMATED COST: - ₹ 499981.00
EARNEST MONEY: - ₹ 10000.00
TIME LIMIT: - THREE MONTHS

NAME OF WORK : - Construction of link road from Ambla Basti and Rahar Basti in G.P. Upreli Manjhetli Km 0/000 to 2/000 in Distt. Kangra (H.P.).

SUB-HEAD : - Construction of crate work at RD 0/488 to 0/540

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	68.78 Cubic meters			Per cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm dia (Four millimeters) GI wire conforming to IS:280 and IS:4826 in 150mm x 150mm (One hundred fifty into One hundred fifty millimeters) mesh (woven diagonally) including 10% (Ten percent) extra for laps and joints laid with stone boulders weighing not less than 25 Kgs (Twenty five kilograms) each as per drawing and technical specifications Clause 1301, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	160.52 Cubic meters			Per cubic metre	
3	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	28.15 Cubic metres			Per cubic metre	
TOTAL: -						

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

Schedule of Quantity

ESTIMATED COST :-	₹	172795.00
EARNEST MONEY :-	₹	3500.00
TIME LIMIT :-		ONE MONTH

NAME OF WORK:- Construction of Saroot to Toru road Km 0/000 to 3/000 in Distt. Kangra (H.P.)
SUB HEAD: - Providing and laying cement concrete pavemtn road in Km 0/345 to 0/400

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2	3	4	5	6	7
4	Providing and laying concrete for plain reinforcement concrete in open foundation including shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 20mm (Twenty 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.	29.02 Cubic meters			Per cubic metre	
TOTAL: -						

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

Schedule of Quantity

ESTIMATED COST: - ₹ 499913.00
 EARNEST MONEY: - ₹ 10000.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Construction of Saroot to Toru road Km 0/000 to 3/000 in Distt. Kangra (H.P.)
 SUB HEAD: - Providing and laying Granular Sub-Base and wearing in Km 0/000 to 0/345

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2	3	4	5	6	7
1	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	285.60 Cubic meters			Per cubic metre	
2	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 milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 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.	99.23 Cubic metres			Per cubic metre	
TOTAL: -						

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

Schedule of Quantity

ESTIMATED COST: - Rs. 397069.00
EARNEST MONEY: - Rs. 7950.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Restoration of rain damages on Radh Ustehar Mundla Daulatpur road Km 0/000 to 5/000 in Distt. Kangra (H.P.)
SUB HEAD :- Construction of Retaining wall at RD1/925 to 1/935 (L=10.00 mtrs Ht. 3.04 mtrs) and C/O Breast wall at RD 3/150 to 3/120 (L=15.00 mtrs Ht. 2.44 mtrs).

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.	35.22 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	75.10 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.	39 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.	27.10 Cubic metres			Per cubic metre	
TOTAL :-						

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

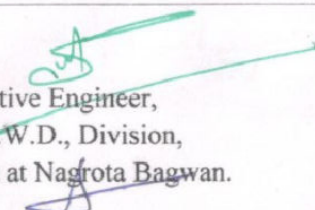
Schedule of Quantity

ESTIMATED COST: - Rs. 336879.00
 EARNEST MONEY: - Rs. 6750.00
 TIME LIMIT : TWO MONTHS

NAME OF WORK :- Annual Repair & maintenance of Kangra Tanda Sadarpur Thanpuri road Km 0/000 to 6/000 in Distt. Kangra (H.P.)

SUB HEAD :- Construction of U-Shape drain at RD 1/780 to 2/150

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 all lead including entire carriage of materials within all leads, lifts and other incidentals.	30.63 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.	56.88 Cubic metres			Per cubic metre	
3	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel in grating, frames, guard bar ladder, railings, bracket, gate and similar work complete including carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	180.80 Kilogram			Per kilo gram	
TOTAL :-						


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

SCHEDULE OF QUANTITY

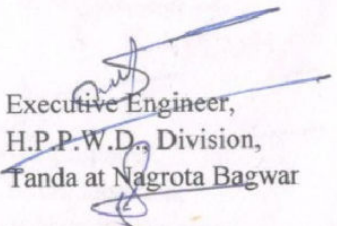
ESTIMATED COST: - Rs. 498998.00
EARNEST MONEY: - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road to Mehta Basti in G.P. Jalot in Distt. Kangra (H.P.)

SUB-HEAD :- Construction of 900mm dia Hume Pipe culvert, C/O retaining wall and P/L cement concrete pavement (Deposit Work).

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.	23.61 Cubic meters			Per cubic metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	123.66 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as per drawing and HP.PWD technical specifications, and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	25 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-Incharge including carriage of material within all leads, lifts and other incidentals.	12.11 Cubic metres			Per cubic metre	
5	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) nominal size as per drawing and HP.PWD technical specifications, and as per directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	47.25 Cubic meters			Per cubic metre	

6	Providing and laying 900mm (Nine hundred) diameters reinforced cement concrete pipe NP2 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (One cement: Two sand) but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1108, including entire carriage of materials within all leads and lifts and other incidentals.	5.00 Running meters			Per running metre	
7	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.	11.13 Cubic meters			Per cubic metre	
8	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.	28.15 Cubic metres			Per cubic metre	
9	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for Sub-grade to be paid separately depending upon the classification of soil completed as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	315.00 Square metre			Per square metre	
10	Consolidation of sub grade with road roller including making good the undulation etc; with earth of quarry soil etc; and re-rolling the Sub-grade complete as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	315.00 Square metre			Per square metre	
11	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-I size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point zero eight cubic metre) per 10 Sqm (ten square meter)to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	23.63 Cubic metres			Per cubic metre	
TOTAL:-						


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

SCHEDULE OF QUANTITY

ESTIMATED COST : -
EARNEST MONEY : -
TIME LIMIT :

₹ 492395.00
₹ 984790.00
TWO MONTHS

NAME OF WORK :- Additional accommodation for Divisional Store Building under stock storage in Distt. Kangra (HP).

SUB-HEAD :- Construction of building portion etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Providing and fixing 610x460mm (Six hundred ten into Four hundred sixty millimetres) with bowl depth 200 mm 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 as per directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	3 Numbers			Each	
2	Providing and fixing 15mm (Fifteen milimetres) diameters C.P. stop cock Cera or its equivalent 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	76 Numbers			Each	
3	Providing and fixing stainless steel knock down railing of KICH AISI Grade 316 OF 50mm (Fifty milimetres) diametres hand rail fixed with 35mm (Thirty five milimetres) dia and 15/20mm (Fifteen/Twenty millimetres) SST baluster (Design code DT 53-2-163) placed at 1200mm (One thousand two hundred milimetres) centre to centre along with 3(Three) numbers at the rate of 16mm (Sixteen milimetres) mid rails connected at the side of balustered with fixture. The balustered would be fixed on the floor with casted based plate minimum 6mm (Six milimetres) thickness based plates shall be consealed with suitable S.S.316 GRADE covered cap railing hight to be taken at the rate of 85cm (Eighty five centimetres) from floor level. The aplication shall be done as per specifications, approved drawing, design complete including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	51.85 Running metres			Per running metre	
4	Providing automatic vibro automatic hydraulically compressed double charged vitrified terrazzo tiles 60 x 60 cm (Sixty into sixty centimetres) of ISI marked No. 1237 in 70% (Seventy percent) white cement having 30% (Thirty percent) grey cement ratio. The ratio of marble chips shall be 55% (Fifty five percent) white cement and 15% (Fifteen peercent) of maroon yellow and dark green shade. The size of chips shall be O.B, 2B of NTC or its equivalent 300x300x25mm (Three hundred into three hundred into twenty five millimetres) in with marble chips of specified sizes, laid in floors, treads of steps, and landings on a bed of 25mm (Twenty five millimetres) thickness of cement mortar 1:6 (One cement : Six Sand) jointed with cement slurry mixed and pigment to match the shade of tiles (Wherever required) including rubbing and polishing complete upto all floors level, including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	22.85 Square metres			Per square metre	
5	Providing nd laying 25mm (Twenty five millimetres) thick Kota Stone flooring (Mirror polished) of 55x55cms (Fifty five into fifty five centimetres) size of approved shade over base of cement mortar 1:4(One cement: Four sand) laid over and jointed with Grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing/moulding single or double complete including carriage of material within all leads, lifts of material and other. incidentals. as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	63.31 Square metres			Per square metre	
6	Providing and fixing 1620 (20mm) twenty millimeter diameter pipe O.D. pipe polythelene aluminum polythelene (PE- AL-PE) composite pressure pipe U.V. stabilized with carbon block confirming to I.S. 1545-2004 of Kitec or its equivalent for water supply including clamps at appropriate spacing, cutting fixing and making good the walls etcetera; but excluding the cost of fittings (Internal work), 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.	576.00 Running metres			Per running metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
7	Providing and laying upto first floor two level reinforced cement concrete 1:2:4 (One cement : Two Sand : Four graded stone aggregate 20mm (Twenty millimetres) nominal size) to give a smooth and even surface including centring and shuttering etc. but excluding cost of reinforcement in string courses, copings, bed plates, anchor blocks, plain windows sills and the like including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	13.65 Cubic metres			Per cubic metre	
45	Providing and fixing 200x10mm (Two hundred into Ten millimetres) nominal size M.S Tower bolts (Barrel type) of approved quality bright finished or black enameled with nuts and screws etcetera complete including carriage of material within all leads, lifts and other incidentals	434 Numbers			Each	
8	Providing and fixing aluminum handles of approved quality to required colour and shade with the necessary screws etcetera complete including carriage of material within all leads, lifts and other incidentals.					
i	125mm (One hundred twenty five millimetres) nominal size	130 Numbers			Each	
ii	100mm (One hundred millimetres) nominal size	217 Numbers			Each	
9	Providing and fixing 300x16mm (Three hundred into Sixteen milimetres) size aluminum oxidized PILOT/ Sheel or equivalant sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. 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.	38 Numbers			Each	
10	Providing and fixing precast RCC kerb stone of size 20x27x40cm in RCC 1:2:4 (One cement : two sand : four graded stone aggregate 20mm (Twenty millimetres) nominal size and curing complete including form work etc; kerbs steps and the like as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	250.00 Numbers			Each	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 239655.00
 EARNEST MONEY: - Rs. 4800.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from Sakrehar to Dharamgiri road Km 0/000 to 1/800 in Distt. Kangra (H.P.)
SUB-HEAD :- Providing and laying soiling

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 size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-I size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point zero eight cubic metre) per 10 Sqm (ten square meter)to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	130.00 Cubic metres			Per cubic metre	
TOTAL: -						

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

Schedule of Quantity

ESTIMATED COST: - Rs. 481644.00
 EARNEST MONEY: - Rs. 9650.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of Malan Ambari Kawari road Km 0/000 to 6/600 in Distt. Kangra (H.P.).
SUB HEAD :- Construction of Retaining wall at RD 5/015 to 5/025, U-Shape Drain at RD 4/750 to 4/885 and P/L Cement concrete pavement road at RD 5/040 to 5/080

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 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.	88.43 Cubic meters			Per cubic metre	
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	10.00 Cubic metres			Per Cubic metres	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	26.20 Cubic metres			Per cubic metre	
4	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	42.53 Cubic metres			Per cubic metre	

5	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.	15.00 Cubic meters			Per cubic metre	
6	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.	8 Numbers			Each	
7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5.30 Cubic metres	750.00	Rupees Seven hundred fifty and paise nil only.	Per cubic metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: - Rs. 498438.00
EARNEST MONEY: - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from Ambla Basti and Rahar Basti in G.P. Upreli Manjhetli Km 0/000 to 2/000 in Distt. Kangra (H.P.).

SUB HEAD :- Construction of Retaining wall at RD 0/300 to 0/315

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 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.	38.15 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	100.51 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.	68.15 Running metres			Per running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	18.15 Cubic metres			Per cubic metre	
TOTAL :-						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: -
EARNEST MONEY: -
TIME LIMIT :

₹ 498163.00
₹ 10000.00
TWO MONTHS

NAME OF WORK :- Additional accommodation for Divisional Store Building under stock storage in Distt. Kangra (HP).

SUB-HEAD :- Construction of boundary wall, cement concrete 1:3:6, painting work & steel work etc;

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	In words		
1	2	3	4	5	6	7
1	Excavation in foundation, trenches etc. in earth work in all classification of soil such as pick work, jumper work, pick jumper work, blasting work, jumper blasting work, soft and hard blasting and saturated soil, de-watering, including wedging out rocks where blasting work is prohibited, chiseling or any other mixed variety of soil, de-watering and/or removal of slush and incidentals, lift upto any heights, stacking the excavated soil not more than 3 mtrs (Three meters) clear from the edge of excavation and then retuning the stacked soil in 15cm (Fifteen centimeter) layers, when required into plinths, sides of foundation etc; consolidating each deposited layer by ramming, watering and then disposing of all excavated earth as directed by the Engineer-in-Charge, within all leads, lifts of materials and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	33.53 Cubic metres			Per cubic metre	
2	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights and removal of the same for in-situ reinforced plain concrete work in work in edge of slab and breaks in floors and walls under any thickness within all leads, lifts of materials and other incidentals. as per approved drawing, design and as directed by the Engineer-in-Charge.	82.00 Running metres			Per running metre	
3	Providing and laying cement concrete 1:3:6 (One cement : Three sand : Six graded crushed stone aggregate 20mm (Twenty millimetres nominal size) and curing complete excluding cost of form work in foundation and plinth including entire carriage of materials within all leads, lifts of materials and other incidentals. as per approved drawing, design and as directed by the Engineer-in-Charge.	52.56 Cubic metres			Per cubic metre	
4	Providing and laying cement concrete work 1:2:4 (One Cement : Two Sand : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in suspended floors, roofs, landings, shelves their supports balconies, beams, girder, bressumers and cantilevers, 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.	0.29 Cubic metres			Per cubic metre	
5	Providing Tor steel reinforcement for reinforced cement concrete work including bending, binding and placing in position complete including cost of binding wires complete and other incidentals due for its completion for all floors, including carriage of material as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	34.80 Kilograms			Per kilo-gram	
6	Second class brick work using common burnt clay building bricks upto any floor level in cement mortar 1:6 (One cement: Six sand) in super structure as per approved drawing, design and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	11.32 Cubic metres.			Per cubic metre.	
7	15mm (Fifteen milimetres) 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 milimetres) in girth and finished even and smooth with cement mortar 1:6 (One cement: Six sand) including entire carriage of materials within all leads, lifts and other incidentals	58.45 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
8	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter and sand papering as required within all leads, lifts of materials and other incidentals. as per approved drawing, design and as directed by the Engineer-in-Charge.	178.45 Square metres			Per square metre	
9	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equal on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust including putty and other foreign matter etc including sand paper smooth complete as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	178.45 Square metres			Per square metre	
10	Providing and fixing 0.60mm (Zero decimal Six Zero milimetres) thick prepainted steel sheet TATA / Shakti or equivalent in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 10 (Ten) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six milimetres) diametres with prepainted limpet and rubber washers complete with all accessories as required complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	100.80 Square metres			Per square metre	
11	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 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	20.10 Quintals			Per quintal	
12	Providing and fixing 30cm (Thirty centimeters) wide 30cm (Thirty centimeters) deep of 0.60mm (Zero decimal six zero milimetres) thick plain G.I. sheet gutter with iron brackets 40x3mm (Forty into Three milimetres) size dome shape shall be provided which shall be M.S. plate 25x5/6mm Sqm (Twenty five into five/six millimetres) square round shape with 6mm (Six millimetres) dia bars in dome bolts, nuts and washers etcetera including making necessary connections with rain water pipe complete including carriage of materials within all leads, lifts and other incidentals.	9.50 Running metres			Per running metre	
13	Providing and fixing ridges or hips 60cm (Sixty centimeters) over all with 0.60mm (Zero point Sixty millimeters) thick prepainted sheet roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six millimeters) diametres with prepainted G.I. limpet and bitumen washers complete with all accessories as required complete including carriage of materials within all leads, lifts and other incidentals and as directed by the Engineer-in-Charge.	22.50 Running metres			Per running metre	
14	Providing and fixing plain M.S. B.P. sheet 1.66mm to 2mm (One decimal sixty six millimeter to Two milimetres) thick 16 gauge eaves board/facia/soffits/ceiling including cutting, fixing in position complete (frame work is to be measured and paid for separately within all leads, lifts of materials and other incidentals. as per approved drawing, design and as directed by the Engineer-in-Charge	45.00 Square metres			Per square metre	
TOTAL :-						

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

Schedule of Quantity

ESTIMATED COST: - ₹ 446703.00
 EARNEST MONEY: - ₹ 8950.00
 TIME LIMIT :- ONE MONTH

NAME OF WORK:- Construction of Saroot to Toru road Km 0/000 to 3/000 in Distt. Kangra (H.P.)
 SUB HEAD: - Providing and laying of Bituminous Concrete Pavement in Km 0/000 to 0/345

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2	3	4	5	6	7
1	Providing and applying tack coat using hot straight run bitumen of grade VG - 10, including heating the bitumen, spraying the bitumen with mechanically operated spray unit fitted on bitumen boiler, cleaning and preparing the existing road surface as per specifications : On W.B.M. @ 0.75 Kg / sqm complete as per specifications and directions of Engineer-in-Charge. as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	1141.09 Square meters			Per square metre	
2	Providing and laying 30mm (Thirty milimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	34.23 Cubic metres			Per cubic metre	
TOTAL: -						

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 490596.00
 EARNEST MONEY: - Rs. 9850.00
 TIME LIMIT : THREE MONTHS

NAME OF WORK :- Construction of link road from Kalizan to Balol Km 0/000 to 7/475 in Distt Kangra (HP)

SUB-HEAD :- Construction of retaining wall at RD 2/889 to 2/919.50 (R/S).

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.	12.24 Cubic meters			Per cubic metre	
2	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand : Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	231.03 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as per drawing and HP.PWD technical specifications, and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	20 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-Incharge including carriage of material within all leads, lifts and other incidentals.	12.75 Cubic metres			Per cubic metre	
TOTAL: -						

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