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 **23.05.2022** up to **11:00 A.M**. And the same shall be opened on the same day at **11:30 A.M**. in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on **21.05.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **20.05.2022** 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 Jandrah Aerla Dola Kardiana road in Distt Kangra (HP) (SH:-Providing and laying mettaling & tarring work in Km 1/100 to 1/260).	Rs 288524/-	Rs 5800/-	Three months
2	Balance work of Special repair to T.B. Sanatorium building in Dr R. P. Govt. Medical College in Distt Kangra (HP)(Construction of retaining wall on back side of T.B. Sanatorium)	Rs 499995/-	Rs 10000/-	Three months
3	Construction of Play Ground at Govt. Middle School Kawari in Tehsil Nagrota Bagwan Distt Kangra (HP) (SH:-Providing and laying Kota stone and granite stone etc: in Badminton Court)	Rs 147196/-	Rs 2950/-	Two months
4	C/O link road from PHC Gheen to Prem Chand House Chakvan Gheen in Distt Kangra (HP) (SH:-Providing and laying interlocking paver block (Deposit work)	Rs 230015/-	Rs 4600/-	Three months
5	A/R & M/O to various roads under HP PWD Division Tanda at Nagrota Bagwan in Distt Kangra (Himachal Pradesh)(SH:-Engagement of Labour/Helper etc; w.e.f. (1.4.2022 to 31.07.2022).	Rs 298900/-	Rs 6000/-	Four months
6	Balance work Jassour to Naura road Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of cement concrete pavement road retaining wall and steel work etc: (Jassour side)	Rs 468189/-	Rs 9400/-	Three months
7	Special repair to 500 Bedded Hospital in Dr R.P. Govt. Medical College at Tada in Distt Kangra (HP) (SH:-Dismantling of G.I pipes, P/F G.I. pipes water roofing treatment & steel work in top floor roof 500 bedded hospital).	Rs 499948/-	Rs 10000/-	Two months
8	Balance work of Jassour to Naura road Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of Cement concrete pavement road , retaining wall and steel work etc: (Naura side)	Rs 468189/-	Rs 9400/-	Three months
9	Restoration of rain damages on Yol 53 miles to link road village Sera Km 0/000 to 0/650 in Distt Kangra (HP) (SH:-Providing and laying interlocking paver block (Deposit work)	Rs 131431/-	Rs 2650/-	Three months
10	Construction of link road Danoa to Kharat Khas via Dard in Distt Kangra (HP) (SH:-Removal of formation deficiencies by bed cutting at RD 1/600 to 1/800, C/O retaining wall at RD 0/650 to 0/965, Edge wall at RD 1/065 to 1/080 to 1/480 to 1/502 and earth filling work at RD 1/435 to 1/485 etc;).	Rs 498961/-	Rs 10000/-	Three months
11	Construction of link road Sarotari Mangrella Luhna Baroh Km 0/000 to 7/765 in Distt Kangra (HP) (SH:-Removal of formation deficiencies/widening of road by formation cutting in Km 7/105 to 7/765).	Rs 499985/-	Rs 10000/-	Three months
12	Construction of link road Hatwas to Majethli in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in Km 0/850 to 1/000).	Rs 238174/-	Rs 4800/-	Three months
13	Construction of Kaisthwari to Guru-Ka-Tiala road Km 0/000 to 1/500 in Distt Kangra (HP) (SH:-Providing and laying of Bituminous pavement in Km 0/600 to 1/000).	Rs 462300/-	Rs 9250/-	One month

14	Repair and maintenance of various roads under Baroh Sub-Division HP PWD Baroh in Distt Kangra (HP) (SH:-Construction and maintenance of earthen shoulders, road side katcha drain; in various RDs).	Rs 499934/-	Rs 10000/-	Two months
15	Construction of link road Hatwas to Majethli Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in KM 0/600 to 0/850).	Rs 476348/-	Rs 9550/-	Three months
16	Construction of Community Bhawan Kiar Mahila Bhawan at Gheen in Tehsil Baroh Distt Kangra (HP) (SH:-Construction of civil work etc;) Deposit work	Rs 409793/-	Rs 8200/-	Three months
17	Construction of link road from Luhna Har to village Chounkru in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement in Km 0/270 to 0/370).	Rs 335931/-	Rs 6750/-	Three months
18	Restoration of rain damage link road Rajiana Churan Surani in Distt Kangra (HP) (SH:-Construction of road side drain with RCC Berms at various Rds between Km 3/800 to 4/050).	Rs 200097/-	Rs 4000/-	Three months
19	Construction of retaining wall near the house of Gautam in Distt Kangra (HP) (SH:-Construction of retaining wall (Deposit work)	Rs 253439/-	Rs 5100/-	Three months
20	Repair and maintenance of Saroot to Toru road Km 0/000 to 3/000 in Distt Kangra (HP) (SH:-Construction of retaining walls at Rds 2/508 to 2/312 & 2/630 to 2/644).	Rs 499990/-	Rs 10000/-	Three months
21	Construction of link to village Karahpura ward No1 in Distt Kangra H) (SH:-Providing and laying interlocking paver block at RD 0/185 to 0/335) Under SCSP Head).	Rs 498926/-	Rs 10000/-	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.

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

HIMSUCHANA AVAM & JAN SAMPARK

(On behalf of Governor of Himachal Pradesh)

No.PW/NBD/Tender/2022/ 1623-53 **Dated/** 7-5-2022.

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. 288524.00
EARNEST MONEY : -Rs. 5800.00
TIME LIMIT :- THREE MONTHS

NAME OF WORK:- **Construction of Jandrah Aerla Dola Kardiana road in Distt Kangra (H.P.).**
SUB HEAD: - ***Providing and laying mettaling & tarring work in Km 1/100 to 1/260***

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	*in words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
4	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two 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.	38.43 Cubic metres			Per cubic metre	
1	Providing, laying, spreading and compacting stone aggregate of size **53mm to 22.4mm** (Fifty three millimeter to Twenty two point four millimeter) Grading-III size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two 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.	38.43 Cubic metres			Per cubic metre	
1	Providing and applying tack coat using hot straight run bitumen of grade VG-10 On W.B.M. @ 0.75 Kg / sqm (Zero point seven five per square metre), 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 and as per the entire satisfaction and direction of Engineer-in-Charge.	512.40 Square metres			Per Square metre	
2	Providing, laying and rolling of open graded premix carpet of 20mm (Twenty millimeter) compacted thickness, composed of Type-A 13.2mm (Thirteen decimal two millimeter) to 5.6mm (Five decimal six milimetre) aggregate for wearing course including loading of aggregate with front end loader heating binder and aggregate in hot mix plant 30/40 (Thirty/Forty) Tonne per hour capacity transporting mixed material with tipper to site of work and laying to required grade and camber and rolling with power road roller 80-100 KN (Eighty-One hundred) static weight using 0.27 cum (Zero point twenty seven cubic metre) of graded stone aggregate mixed with 14.6 kg (Fourteen point six kilogram) of bitumen binder using VG-10 (Vilscosity Grade-Ten) grade per ten square metre of road surface but excluding the cost of Tack coat and seal coat inclusive of all corrective, measures such as repairing of pot holes, cleaning of cracks and laying of profile corrective Coarse for all depth, filling of depression for all depth and construction of super elevation and camber, where required as per technical specifications clause No. 508 including hauling of materials labour and equipment required to execute the work at site of work with in all leads and lifts, as per the entire satisfaction and direction of Engineer-in-Charge.	512.40 Square metres			Per Square metre	
3	Providing and laying premixed seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type B seal coat using VG-10 bitumen @ 6.80 kg (Six decimal eighty kilograms) mixed with 0.06 cum (Zero point zero six) cubic metre of fine aggregate for 10 sqm (Ten square metres) of road surface, heating and mixing of binder and aggregate in suitable plant, playing mecchanically and rolling with Power Road Roller 80-100 KN (Eighty-One hundred) static weight as per Technical Specification Clause 510 as per the direction of Engineer-Incharge, within all leads, lifts of materials and other incidentals as per the entire satisfaction and direction of Engineer-in-Charge.	512.40 Square metres	63.50	Rupees Sixty three and paise fifty only.	Per Square metre	
					TOTAL: -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 499995.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Balance work of special repair to T.B. Sanatorium building in Dr. R.P. Govt. Medical College in Distt. Kangra (H.P.)**

SUB HEAD : - ***Construction of Retaining wall on back side of T.B. Sanatorium.***

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.	55.68 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.	99.65 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.	24 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.	22.35 Cubic metres			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: -	₹	147196.00
EARNEST MONEY : -	₹	2950.00
TIME LIMIT :-		TWO MONTHS

NAME OF WORK : - Construction of Play Ground at Govt. Middle School Kawari in Tehsil Nagrota Bagwan, Distt. Kangra (H.P.).

SUB-HEAD : - ***Providing and laying Kota stone and granite stone etc; in Badminton Court.***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing and laying 25mm (Twenty five millimetre) thick Kota stone slab flooring over 16mm to 20mm (Sixteen millimetre to Twenty millimetre) (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (One cement : Four coarse sand) complete and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals.	61.95 Square metres			Per square metre	
2	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1 : 4 (One cement : Four coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polished granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent. all complete as specified and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .	20.84 Square metres			Per square metre	
3	Providing and applying 2.5mm (Two point five millimetre) thick road marking strips (retro- reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete and accordance with applicable specifications and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .	4.23 Square metres			Per square metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 230015.00
EARNEST MONEY : - Rs. 4600.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **C/O link road from PHC Gheen to Prem Chand House Chakvan Gheen in Distt. Kangra (H.P.)**
SUB HEAD : - ***Providing and laying interlocking paver block (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 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.	7.65 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.	6.75 Cubic metres			Per cubic metre	
3	Providing and laying 60mm thick faciory made cement concrete interlocking paver block of M-30 (M-Thirty) grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	255.00 Square metres			Per Square metre	
				TOTAL : -		

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

Schedule of Quantity

ESTIMATED COST: - Rs. 298900.00
EARNEST MONEY : - Rs. 6000.00
TIME LIMIT : FOUR MONTHS

NAME OF WORK : - A/R & M/O to various roads under H.P.P.W.D. Division, Tanda at Nagrota Bagwan in Distt. Kangra (Himachal Pradesh).

SUB-HEAD : - ***Engagement of Labour/Helper etc; w.e.f. (1.4.2022 to 31.7.2022)***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Engagement / Hiring of Beldar / Helper for repair of various roads as per instructions of Engineer-in-Charge.					
(I)	Beldar 7 Nos. (Seven Numbers)	854 Days			Per day	
					TOTAL: -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 468189.00
EARNEST MONEY : - Rs. 9400.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Balance work of Jassour to Naura road Km 0/000 to 2/000 in Distt Kangra (H.P.).**
SUB HEAD : - ***Construction of cement concrete pavement road, Retaining wall and steel work etc; (Jassour side)***

S. No.		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.	54.06 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.	151.85 Cubic metres			Per cubic metre	
3	Construction of embankment with approved materials obtained from borrow pits with a lift upto 1.5m (One point five meters) transport to sill spreading grading to required slope and compacted to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000m (One thousand meters) as per Technical Specification Clause 301.5, including entire carriage of materials within all leads, lifts and other incidentals.	102.50 Cubic metres			Per cubic metre	
4	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.	38 Numbers			Each	
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 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.	7.50 Cubic metres			Per Cubic metres	

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) (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.	15.38 Cubic meters			Per cubic metre	
7	Steel work welded in built up sections trusses and framed work, including cutting, hoisting fixing in position complete and applying a coat of red lead paint in gratings framed gaurds, bars, ladders, railing, brackets and similar work, within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge	7.86 Quintals			Per quintal	
					TOTAL : -	

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

DRAFT SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 499948.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK : - Special repair to 500 Bedded Hospital in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.).
SUB-HEAD : - ***Dismantling of G.I. pipes, P/F G.I. pipes, water proofing treatment & steel work in top floor roof 500 Bedded Hospital***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes, manually/ by mechanical means including stacking of pipes upto any lead Above 40 mm (Forty millimetre) nominal bore as per direction of Engineer-in-charge as per directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	903.00 Running meters			Per running metre	
2	Providing and fixing G.I. pipes (External work) complete with G.I. fittings including trenching and refilling etc. TATA/JINDAL complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.					
i)	20mm (Twenty milimetres) nominal bore	101 Running meters			Per running metre	
ii)	25mm (Twenty five milimetres) nominal bore	103 Running meters			Per running metre	
iii)	32mm (Thirty two milimetres) nominal bore	102 Running meters			Per running metre	
iv)	40mm (Forty milimetres) nominal bore	100 Running meters			Per running metre	
i)	50mm (Fifty milimetres) nominal bore	90 Running meters			Per running metre	
ii)	65mm (Sixty five milimetres) nominal bore	55 Running meters			Per running metre	
ii)	80mm (Eighty five milimetres) nominal bore	40 Running meters			Per running metre	
3	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.					
i)	25 to 40 mm (Twenty to Forty milimetres) nominal bore	28 Numbers			Each	
ii)	50 to 80 mm (Fifty to Eighty milimetres) nominal bore	18 Numbers			Each	

4	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) : complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.					
i)	20mm (Twenty milimetres) nominal bore	22 Numbers			Each	
ii)	25mm (Twenty five milimetres) nominal bore	24 Numbers			Each	
iii)	32mm (Thirty two milimetres) nominal bore	20 Numbers			Each	
iv)	40mm (Forty milimetres) nominal bore	12 Numbers			Each	
i)	50mm (Fifty milimetres) nominal bore	16 Numbers			Each	
ii)	65mm (Sixty five milimetres) nominal bore	12 Numbers			Each	
ii)	80mm (Eighty five milimetres) nominal bore	12 Numbers			Each	
5	Providing and layingwater proofing treatmetn on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (b) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (c) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30 cm on parapet wall and tucked into groove in parapet all around. (d) fourth and final layer of brick tiling with cement mortar (which will be paid for separately (For the purpose of measurement the entire treated surface will be measured) complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	30.00 Square meters			Per square metre	
6	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar workscomplete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	350.00 Kilogram			Per square metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 468189.00
EARNEST MONEY : - Rs. 9400.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Balance work of Jassour to Naura road Km 0/000 to 2/000 in Distt Kangra (H.P.).**
SUB HEAD : - ***Construction of cement concrete pavement road, Retaining wall and steel work etc; (Naura side)***

S. No.		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.	54.06 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.	151.85 Cubic metres			Per cubic metre	
3	Construction of embankment with approved materials obtained from borrow pits with a lift upto 1.5m (One point five meters) transport to sill spreading grading to required slope and compacted to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000m (One thousand meters) as per Technical Specification Clause 301.5, including entire carriage of materials within all leads, lifts and other incidentals.	102.50 Cubic metres			Per cubic metre	
4	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.	38 Numbers			Each	
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 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.	7.50 Cubic metres			Per Cubic metres	

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) (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.	15.38 Cubic meters			Per cubic metre	
7	Steel work welded in built up sections trusses and framed work, including cutting, hoisting fixing in position complete and applying a coat of red lead paint in gratings framed gaurds, bars, ladders, railing, brackets and similar work, within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge	7.86 Quintals			Per quintal	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 131431.00
EARNEST MONEY : - Rs. 2650.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Restoration of rain damages on Yol 53 Miles to link road village Sera Km 0/000 to 0/650 in Distt. Kangra (H.P.).**

SUB-HEAD : - ***Providng and laying interlocking paver block (Deposit work).***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	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.	3.05 Cubic metres			Per cubic metre	
2	Providing and Laying 80mm (Eighty milimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 ISI make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	135.00 Square metres			Per Square metre	
					TOTAL: -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 498961.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Construction of link road Danoa to Kharat Khas via Dard in Distt. Kangra (H.P.)**

SUB HEAD : - ***Removal of formation defficiencies by bed cutting at RD 1/600 to 1/800, C/O retaining wall at RD 0/650 to 0/965, Edge wall at RD 1/065 to 1/080 to 1/480 to 1/502 and earth filling work at RD 1//435 to 1/485 etc;***

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.	554.59 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.	77.92 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.	43.47 Cubic metres			Per cubic metre	
5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering 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.	112.00 Cubic metres			Per cubic metre	
					TOTAL : -	

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

Schedule of Quantity

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

NAME OF WORK : - **Construction of link road Sarotari Mangrella Luhna Baroh Km 0/000 to 7/765 in Distt. Kangra (H.P.).**
SUB-HEAD : - ***Removal of formation deficiences/widening of road by formation cutting in Km 7/105 to 7/765***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to the tune of **166.02 Cum (One Hundred Sixty Six point Zero Two)** cubic metres quantity at the rate of **300/- (Three Hundred)** 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.	1773.06 Cubic meters			Per cubic metre	
					TOTAL: -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 238174.00
EARNEST MONEY : - Rs. 4800.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Constuuction of link road road Hatwas to Majethli in Distt. Kangra (H.P.)**
SUB HEAD : - ***Providing and laying cement concrete pavement in Km 0/850 to 1/000***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	40.00 Cubic meters			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 462300.00
EARNEST MONEY :- ₹ 9250.00
TIME LIMIT ONE MONTH

NAME OF WORK:- Construction of Kaisthwari to Gu-Ka-Tiala road Km 0/000 to 1/500 in Distt. Kangra (HP).

SUB-HEAD : - Providing and laying of Bituminous Concrete Pavement in Km **0/600 to 1/000**

Sl. No.	Description of work	Quantity		RATES In		Unit	Amount
				Fig	Word		
1	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.225 kgs (Zero decimal Two Two Five kilogramms) per square metre on the prepared dry and hungry bituminous surface cleaned with Hydraulic broom as per MORD Technical Specification Clause 503 and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. The rate inclusive of octroi, royality, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	1150.00	Square metre			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. The rate inclusive of octroi, royality, Malkana, toll tax, sale tax or other taxes imposed by the Government and reetifying defects noticed within two years as per clause 35 (III) of standard bidding document.	34.50	Cubic metres			Per cubic metre	
						Total :-	

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

Schedule of Quantity

ESTIMATED COST: - ₹ 499934.00
EARNEST MONEY : - ₹ 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK :- Repair and maintenance of various roads under Baroh Sub-Division HPPWD Baroh in Distt. Kangra (H.P.).
SUB-HEAD : - ***Constrcution and maintenance of earthen shoulders, road side katcha drain etc; in variours RDs***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*		*4*	*5*	*6*	*7*
1	Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead (Maintenance of Earthen shoulder (filling with fresh selected soil) as per technical specification Clause 1903, as directed by the Engineer–in-Charge including entire carriage of materials within all leads, lifts and other incidentals.	8987.00 Square meters			Per square metre	
2	Construction of unlined surface drain of average cross-sectional area 0.4 sqm in ordinary rock to specified lines, grades, levels and dimensions as per approved design and Technical Specification Clause 307. Excavated material to be used in embankment at site complete, including entire carriage of materials within all leads, lifts and other incidentals..	2678.00 Running meters			Per running metre	
				TOTAL : -		

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

Schedule of Quantity

ESTIMATED COST: - Rs. 476348.00
EARNEST MONEY : - Rs. 9550.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Constuuction of link road road Hatwas to Majethli Km 0/000 to 2/000 in Distt. Kangra (H.P.)**
SUB HEAD : - ***Providing and laying cement concrete pavement in Km 0/600 to 0/850***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	80.00 Cubic meters			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 409793.00
EARNEST MONEY : - ₹ 8200.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - Construction of Community Bhawan Kiar Mahila Mandal Bhawan at Gheen in Tehsil Baroh, Distt. Kangra (H.P.)

SUB-HEAD : - ***Construction of Civil work etc; (Deposit Work)***

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 a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	43.36 Cubic metres			Per cubic metre	
2	Providing and laying cement concrete1:6:12 (One cement; Six sand; Twelve graded broken/crushed stone aggregate 40mm (Forty milimetres) nominal size) mechanically mixed and curing complete excluding cost of forms work in foundation and plinth and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	7.16 Cubic metres			Per cubic metre	
3	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (One cement : Six coarse sand : Twelve graded stone aggregate 20mm (Twenty millimetre) nominal size upto plinth level with cement mortar 1:6 (One cement : Six coarse sand) complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	9.03 Cubic metres			Per cubic metre	
4	Squared rubble masonry coursed with hard stone of approved quality in foundation and plinth including racking out joints with cement mortar 1:5 (One cement : Five sand) and curing complete including carriage of material as per directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	3.64 Cubic metres			Per cubic metre	
5	Supplying and **filling in plinth** with sand under floors, including watering, ramming, consolidating and dressing complete including carriage of material within all leads, lifts and other incidentals.	4.99 Cubic metres			Per cubic metre	
6	Second class brick masonry using common burnt clay building bricks in super-structure upto all 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.	11.03 Cubic metres			Per cubic metre	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
7	Providing form work with steel plates of 3.15mm (Three decimal one five millimetres) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimetres), so as to give a fair finish including centring, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights/depth of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in **flat surfaces such as soffits of suspended floors roofs, landings windows sills,** cornices, arches, moulding, corbelling including curved surfaces where ever required as per Architectural drawing, design and specifications and the like floor etcetera including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	52.53 Square metres			Per square metre	
8	Providing form work with steel plates of 3.15mm (Three decimal one five millimetres) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimetres), so as to give a fair finish including centring, shuttering strutting and propping etcetera; with wooden battens and ballies for all heights/depths of propping and centring below supporting floor to ceiling and removal of the same for in-situ reinforced concrete and plain concrete work in beams cantilevers girders lintels window sills, cornices, arches corbelling including curved surfaces where ever required sides and soffits of beams haunchings cantilevers bressumers and lintels upto all depths including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications, entire satisfaction and as directed by the Engineer-in-charge.	11.79 Square metres			Per square metre.	
9	Providing form work with steel plates of 3.15mm (Three decimal fifteen millimetres) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimetres), so as to give a fair finish including centring, shuttering strutting and propping etcetera, with wooden battens and ballies for all heights and removal of the same for in-situ reinforced plain concrete work in edges of slab and breaks in floors and walls under any thickness including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	22.80 Running metres			Per running metre	
10	Providing and laying cement concrete work 1:2:4 (One cement: Two sand Four graded crushed stone aggregate 20mm (twenty millimeters nominal size) mechanically mixed and vibrated including 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 upto floor all level within all leads, lifts of materials and other. Incidentals.	4.610 Cubic meter			Per cubic metre	
11	Providing **Tor steel** reinforcement for reinforced cement concrete work including bending, binding, cutting, straightening and placing in position complete including cost of binding wires complete upto all floor levels as per specifications, approved drawing, design, as per entire satsfaction of the Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	576.49 Kilograms			Per kilo-gram	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
12	Providing Sal wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately) complete including entire carriage of materials within all leads lifts and other incidentals and as directed by the Engineer-in-Charge.	0.29 Cubic metres			Per cubic metre	
13	Providing and fixing 40mm(Forty millimeters) thick second class Kail wood panelled, glazed or panelled and glazed shutters for doors, windows, clerestory windows etc. including black enameled/bright finished iron butt hinges with necessary screws etc complete and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .	7.29 Square metres			Per square metre	
14	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete fixed to steel windows by welding 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.	108.00 Kilo grams			Per kilo-gram	
15	Providing 40x5 mm Forty into five millimetre) flat iron hold fast 40 cm 9Forty centimetre) long including fixing to frame with 10 mm (Ten millimetre) diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm (Thirty into ten into fifteen centimetre) 1:3:6 mix (One cement : Three coarse sand : Six graded stone aggregate 20mm (Twenty millimetre) nominal size 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.	18 Numbers			Each	
16	Providing and fixing 300x16mm size (Three hundred into sixteen milimetres) anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. completed 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.	1 Number			Each	
17	Providing and fixing aluminium Tower bolts (Barrel type) anodized transparent or dyed to required colour and shade with necessary screws etc; 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.					
i	300x10mm (Three hundred into Ten milimetres) nominal size.	2 Numbers			Each	
ii	200x10mm (Two hundred into Ten milimetres) nominal size	24 Numbers			Each	
18	Providing and fixing aluminium handles anodized transparent or dyed to required colour and shade with necessary screws etc; and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .					
I	125mm (One hundred twenty five milimetres) nominal size	2 Numbers			Each	
II	75mm (Seventy five milimetres) nominal size	12 Numbers			Each	

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
19	Providing and laying cement concrete flooring 40mm (Forty millimetre) thick with 20mm (Twenty millimetre) nominal size stone aggregate 1: 2:4 (One cement : Two coarse sand : Four graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	32.00 Square metres			Per square metre	
20	Providing and fixing **fan clamps of type -1of 16mm diameters M.S. barbent** to shape with hooked ends to Reinforced Cement Concrete slab during laying including painting the exposed portion of loop all as per standard design complete as per specifications, drawing and design including carriage of material within all leads, lifts and other incidentals and as directed by the Engineer-in-charge.	1 Numbers			Each	
21	6mm (Six millimetres) thick cement plaster to ceiling in cement mortar 1:3 (One cement: Three sand) upto all floor levels complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	38.76 Square metres			Per square metre	
22	15mm thick cement plasters in single coat on rough side of brick/concrete/stone walls for interior plastering upto all floor level including arises, internal rounded angles, chamfers and or rounded angles not exceeding 80mm in girth and finished even and smooth witth cement mortar 1:4 (One cement : Four sand) 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.	46.71 Square metres			Per Square metre	
23	15mm (Fifteen millimetres) thick cement plasters in single coat on fair side of brick/concrete/stone walls for interior plastering including arises, internal rounded angles, chamfers or rounded angles not exceeding 80mm (Eighty millimetres) in girth and finished even and smooth with cement mortar 1:4 (One cement : Four sand) above plinth level to floor all levels including carriage of material within all leads, lifts and other incidentals, as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	62.67 Square metres			Per square metre	
				TOTAL : -		

Executive Engineer,
H.P.P.WD., Division,
Tanda at Nagrota Bagwan.

Schedule of Quantity

ESTIMATED COST: - Rs. 335931.00
EARNEST MONEY : - Rs. 6750.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Constuuction of link road from Luhna Har to village Chounkru in Distt. Kangra (H.P.)**
SUB HEAD : - ***Providing and laying cement concrete pavement in Km 0/270 to 0/370***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) **Grading-II** size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	24.02 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	48.04 Cubic meters			Per cubic metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 200097.00
EARNEST MONEY : - Rs. 4000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Restoration of rain damages on link road Rajiana Churan Surani in Distt. Kangra (H.P.)**
SUB HEAD : - ***Construction of road side drain with RCC Berms at various RDs between Km 3/800 to 4/050*** (Deposit Work)

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soil as directed, within a any lead 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.	20.74 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	36.23 Cubic metres			Per cubic metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 253439.00
EARNEST MONEY : - Rs. 5100.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Construction of retaining wall near the House of Gautam in Distt. Kangra (H.P.)**
SUB HEAD : - ***Construction of Retaining wall (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 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.	28.60 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.	49.20 Cubic metres			Per cubic metre	
3	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	45.95 Running metres			per running metre	
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	17.57 Cubic metres			Per cubic metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 499990.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Repair and maintenance of Saroot to Toru road Km 0/000 to 3/000 in Distt. Kangra (H.P.)**
SUB HEAD : - ***Construction of Retaining walls at RDs 2/508 to 2/312 & 2/630 to 2/644***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	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.	106.00 Cubic metres			Per cubic metre	
2	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.	4.40 Cubic metres			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 498926.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Construction of link to village Karahpura Ward No-1 in Distt. Kangra (H.P.).**

SUB-HEAD : - ***Providng and laying interlocking paver block at RD 00/185 to 0/335 (Under SCSP Head).***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level laying with 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40mm (Forty millimetre) nominal size complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5.60 Cubic meters			Per cubic metre	
2	Providing and Laying 80mm (Eighty milimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 make of NTC/ GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	540.00 Square metres			Per Square metre	
					TOTAL: -	

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