HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

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 **14.11.2023** up to **11:00 A.M**. And the same shall be opened on the same day at **04:00 P.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 10.11.2023** up to **4:00 P.M** and the application for issue of tender form shall be received on **09.11.2023** 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.	Special repair to P.G. Hostel in Dr R.P. Govt. Medical College at Tand ain Distt Kangra (HP) Deposit work (SH:-Balance work of security post i.e. civil work and interlocking tiles pavement etc;)	498861/-	10000/-	Two months
2.	Restoration of Rain damages on Daulatpur Sunhi Sarotari Kandi road Km 0/000 to 14/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 9/060 to 9/083).(Telecom deposit)	242661/-	4900/-	Two months
3.	Construction of Gujrehra to Dadkar road Km 0/000 to 4/000 in Distt Kangra (HP) (SH:-Balance work of retaining wall in wire crates work at RD 0/130 to 0/160).	498531/-	10000/-	Two months
4.	Restoration of rain damages on Balol Shaheedi Marg road Km 0/000 to 4/500 in Distt Kangra (HP) Deposit work Improvement of road width by providing retaining wall in Km 1/800 to 1/815 and 1/825 to 1/837).	391555/-	7850/-	Two months
5.	Construction of link road to Dhiman Basti Busal in Distt Kangra (HP) (SH:-Construction of Breast wall at RD 0/260 to 0/280 and retaining wall at RD 0/260 to 0/275).	164649/-	3300/-	Two months
6.	Improvement of black spot on Sunhi Kerta road Km 0/000 to 2/500 in Distt Kangra (HP) (SH:-Construction of Edge wall & crash Barrier at RD 0/400 to 0/430).	195386/-	3950/-	Two months
7.	Construction of link road from Daulatpur Sunhi Sarotari Kandi Km 3/000 to 14/100 & 20/000 to 33/100 in Distt Kangra (HP) (SH:-Construction of road side drain in Km 8/600 to 8/700 near Sunhi market under Telecom deposit)	169573/-	3400/-	Two months
8.	Restoration of rain damages on link road fro, Jamula to Lower Jamula Km 0/000 to 1/000 in Distt Kangra (HP) (SH:-Improvement of road width by providing retaining wall in Km 0/220 to 0/230 and 0/470 to 0/482).	338907/-	6800/-	Two months
9.	Construction of playground at village Chandrot in Gram Panchayat Chandrot in Distt Kangra (HP) Deposit work (SH:-Levelling of ground by formation cutting and earth filling and C/o retaining wall etc;)	303184/-	6100/-	Two months

Terms &Conditions:-)

1. The contractor/firm should be registered as or dealer GST No.
2. The intending contractor / firm have to produce the copy of latest enlistment and renewal enlisted in HPPWD.
3. If any of the date mentioned above happened \to be Gazetted Holidays the same shall be processed on next working day.
4. The Executive Engineer reserves 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
(On behalf of Governor of Himachal Pradesh)

HIMSUCHANA AVAM & JAN SAMPARK

No.PW/NBD/TA/Tender/NIT/2023-24- 10147-77 **Dated/** 27-10-2023

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 Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the department website.
6. The Superintending Engineer, 5th Circle, HPPWD, Palampur.
7. The Principal, Dr. RPGMC, Tanda.
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: - ₹ 498861.00
EARNEST MONEY : - ₹ 10000.00
TIME LIMIT :- TWO MONTHS

NAME OF WORK : - Special repair to P.G. Hostel in Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.) **DEPOSIT WORK**
SUB-HEAD : - ***Balance work of Security Post i.e civil work and interlocking tiles pavement 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 returning the stacked soil in15cm (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-Incharge, within all leads, lifts of materials and other incidentals.	35.88 Cubic metres			Per Cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One cement : Four coarse sand : Eight graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	11.45 Cubic metres			Per cubic metre	
3	Providing and laying 300mm (Three hundred millimetre) dia RCC pipe non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc. complete : as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5.00 Running metres			Per Running metre	
4	Boulder filling brick bats hand packed under floor including consolidation complete as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	38.88 Cubic metres			Per cubic metre	
5	Providing and fixing 110 mm (One hundred ten millimetre) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	14.00 Running metres			Per Running metre	
6	Providing and laying 600x600 mm (Six hundred into si hundred millimetres) of size Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point eight precent) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.25 Square metres			Per Square metre	
7	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/ sqm) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	3.60 Square metres			Per Square metre	

8	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.					
i)	200x10mm (Two hundred into Ten milimetres) size	1 Number			Each	
ii)	150x10mm (One hundred fifty into Ten milimetres) size	1 Number			Each	
9	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.					
i)	125mm (One hundred twenty five milimetres) size	2 Numbers			Each	
ii)	100mm (One hundred milimetres) size	2 Numbers			Each	
10	Providing and fixing 12mm (Twelve milimetres) thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as per direction Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	2.30 Square metres			Per square metre	
11	Steel work welded in built up sections/ framed work of including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works 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.	600.00 Kilogram			Per kilo gram	
12	Providing and fixing 0.60mm (Zero decimal Six Zero milimetres) thick prepainted sheet in roofing with hot dipped metalic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) 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 including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	4.41 Square metres			Per square 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 polyster (RNP) organic coating of 20 (Tweny) microns over 5 (Five) microns primer coating to back coat of polyster 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 accesoriees as required including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	2.20 Running metres			Per running metre	
14	Providing and fixing M.S. B.P Sheet 1.66mm to 2mm (One point sixty six to Two milimetres) thick in eaves board/facia/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separately), as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	0.66 Square metres			Per square metre	
15	Providing and fixing 4mm (Four millimetre) thick EBoard (Embassed board) Ceiling of approved quality of ISI Mark including fixing to base frames with screws and clamps etc complete (frame work for base & cover fillets to be measured and paid for separately) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5 Square metres			Per square metre	
16	Painting two costs (excluding priming cost) on new steel and other metal surfaces with enamel white paint brushin to give an even shade including cleaning the surface of all dirt, dust and other foregin matters within all leads, lifts of materials and other incidentals, and as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals .	24.34 Square metres			Per Square metre	

17	Supplying and fixing expended metal to wood or steel members in partitions etc; weight not exceeding 3 kg.(Three Kilograms) per square metre complete, as directed by the Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals	7.20 Square metres			Per square metre	
18	Providing and laying 80mm (Eighty millimetres) thick cement concrete paver block of M-30 (M-Thirty) grade with approved color design and pattern factory made chamfered edge Cement Concrete paver blocks NTC/ GDC/Atlantica and Pooja make in roads etc; of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	250.00 Square metres			Per Square metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - ₹ 242661.00
EARNEST MONEY : - ₹ 4900.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - **Restoration of rain damages on Daulatpur Sunhi Sarotari Kandi road Km 0/000 to 14/000 in Distt. Kangra (H.P.)**
SUB HEAD : - ***Construction of Retaining wall at RD 9/060 to 9/083*** (Telecom Deposit)

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.	26.91 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.	57.47 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.	19.95 Running metres			Per running metre	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material 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.	21.53 Cubic metres			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 498531.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : TWO MONTHS

NAME OF WORK : - Construction of Gujrehra to Dadkar road Km 0/000 to 4/000 in Distt. Kangra (H.P.).
SUB-HEAD : - ***Balance work of Retaining wall in wire cartes work at RD 0/130 to 0/160***

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.	22.50 Cubic meters			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One cement : Four coarse sand : Eight graded stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	18.00 Cubic metres			Per cubic metre	
3	Providing and making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012,MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm (Three point zero millimetres), mechanically edged/selvedged with partitions at every 1m (One metre) interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge including carriage of materials within all leads, lifts and other incidentals.	156.25 Cubic metres			Per cubic metre	
4	Filling available excavated earth (excluding rock) intrenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer-in-charge, including compacting each layer by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge.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.	27.00 Cubic metres			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 391555.00
EARNEST MONEY : - ₹ 7850.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - **Restoration of rain damages on Balol Shaheedi Marg road Km 0/000 to 4/500 in Distt. Kangra (H.P.). Deposit work**

SUB-HEAD : - ***Improvement of road width by providing Retaining wall in Km 1/800 to 1/815 and 1/825 to 1/837***

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 per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	29.36 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.	98.43 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.	29.50 Running metres			Per running metre	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material 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.	12.27 Cubic metres			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 164649.00
EARNEST MONEY : - Rs. 3300.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - **Construction of link road to Dhiman Basti Busal in Distt. Kangra (H.P.)**
SUB-HEAD : - ***Construction of Breast wall at RD 0/260 to 0/280 and Retaining wall at RD 0/260 to 0/275***

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 per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	26.33 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.	39.94 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.	19.90 Running metres			Per running metre	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material 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.	5.40 Cubic metres			Per cubic metre	
				TOTAL : -		

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 195386.00
EARNEST MONEY : - Rs. 3950.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - **Improvement of black spot on Sunhi Kerta road Km 0/000 to 2/500 in Distt. Kangra (H.P.).**

SUB-HEAD : - ***Construction of Edge wall & Crash Barrier at RD 0/400 to 0/430***

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 per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	10.13 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.	18.23 Cubic metres			Per cubic metre	
3	Providing and erecting "W" Metal Beam Crash Barrier comprising of 3mm (Three millimetres) thick corrugated sheet metal beam rail, to be kept 70 cm (Seventy centimetres) above road/ground level, fixed on post and special channel section, 150x75x5mm (One hundred fifty into sesventy five into five millimetres) spaced 2 metres (Two metres) center to center, 1.80 metres high, (One point eight zero), 1.10 metres (One point one zero metre) below ground/road level all steel parts and fitments to be galvanized by hot dip process. All fittings to confirm to IS: 1367 and IS: 1364, metal beam rail to be fixed on the vertical post with a space of channel section 150x75x5mm (One hundred fifty into sesventy five into five millimetres), 330mm (Three hundred thirty millimetres) long complete as per Clause 810 fixed in pit size 30cmx45cm (Thirty centimetres into forty five centimaetres) and one metre deep **including cost of cement concrete 1:2:4 (one cement : Two sand : Four graded broken/ crushed stone aggregate 20mm (Twenty millimeters) nominal size in foundation** as per direction of Engineer-in-charge including carriage of materials within all lead, lifts and other incidentals.	30.00 Running metres			Per running metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 169573.00
EARNEST MONEY : - ₹ 3400.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - **Construction of link road from Daulatpur Sunhi Sarotari Kandi Km 3/000 to 14/100 & 20/000 to 33/100 in Distt. Kangra (H.P.).**

SUB-HEAD : - ***Construction of road side drain in Km 8/600 to 8/700 near Sunhi market.(Under Telecom Deposit).***

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 per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	28.50 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.	16.88 Cubic metres			Per cubic metre	
3	Providing and laying 450mm (Four hundred fifty millimetre) dia half round NP2 class R.C.C. pipes for drainage purpose fixed over a bed of cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size bedding 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.	100.00 Running metre			Per running metre	
				TOTAL : -		

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

Schedule of Quantity

ESTIMATED COST: - ₹ 338907.00
EARNEST MONEY : - ₹ 6800.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - **Restoration of rain damages on link road from Upper Jamula to Lower Jamula Km 0/000 to 1/000 in Distt. Kangra (H.P.)**
SUB HEAD : - ***Improvement of road width by providing Retaining wall in Km 0/220 to 0/230 and 0/470 to 0/482***

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.	40.30 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.	80.44 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.	47.60 Running metres			Per running metre	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material 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.	23.93 Cubic metres			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 303184.00
EARNEST MONEY : - ₹ 6100.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - **Construction of Playground at village Chandrot in Gram Panchayat Chandrot in Distt. Kangra (H.P.). (Deposit work).**

SUB-HEAD : - ***Levelling of ground by formation cutting and earth filling and C/O Retaining wall etc;***

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 **23.80** cubic metres quantity at the rate of **300/-** per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases, as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	472.50 Cubic meters			Per cubic metre	
2	Filling available excavated earth (excluding rock) intrenches or embankment in layers (each layer should not exceed 15 cm), with intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 cm or as decided by Engineer-in-charge, including compacting each layer by rolling/ ramming and watering, all complete as per drawing and direction of Engineer -in - charge.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.	630.00 Cubic metres			Per cubic metre	
3	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 per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	6.34 Cubic meters			Per cubic metre	
4	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.	21.30 Cubic metres			Per cubic metre	

5	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia 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.	6.90 Running metres			Per running metre	
6	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	8.22 Cubic metres			Per cubic metre	
					TOTAL : -	

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