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 **09.03.2022** 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 **08.03.2022** up to **4:00 P.M** and the application for issue of tender form shall be received on **07.03.2022** up to **12:00** noon. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Link road from Hatwas to Majethli road Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of 1.00 mtr span culvert with grating at RD 0/180).	Rs 192136/-	3850/-	Three months
2	Construction of link road Kandi to village Patrood in Distt Kangra (HP) (SH:-Providing and laying WBM Grade –II in Km 0/480 to 0/930).	Rs 453923/-	9100/-	Three months
3	Construction of Busal Nariyalkar Sipanpat road Km 0/000 to 4/525 in Distt Kangra (HP) (SH:-Balance work P/L cement concrete pavement between Km 4/520 to 4/400).	Rs 499447/-	10000/-	Three months
4	Repair and maintenance of Chari to Lahar road in Distt Kangra (HP) (SH:-Construction of culvert)	Rs 499673/-	10000/-	Three months
5	Annual repair maintenance of various roads under Baroh Sub-Division HP PWD Baroh in Distt Kangra (HP) (SH:-Providing and laying interlocking concrete paver block pavement road)	Rs 499477/-	10000/-	Three months
6	Construction of link road from Danoa to Kharat Khas in Distt Kangra (HP) (SH:-Construction of 900mm dia Hume pipe culvert alongwith wing wall at Rd 1/125 & 1/250).	Rs 499916/-	10000/-	Three months
7	Link road Hatwas to Ohlari road Km 0/000 to 1/000 in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement at RD 0/000 to 0/200).	Rs 243570/-	4900/-	Three months
8	Annual maintenance Plan for the year 2021-22 on NH-154 to Keerchamba road in Distt Kangra (HP) (Providing and laying bituminous concrete pavement in Km 0/000 to 0/500).	Rs 499866/-	10000/-	One month
9.	Link road Old Chungi to Gas Godown Km 0/000 to 0/600 in Distt Kangra (HP) (SH:-Providing and fixing steel work grating at various Rds).	Rs 489445/-	9800/-	Two months
10.	Annual repair and maintenance Residential Building at HP PWD Sub-Division Nagrota Bagwan in Distt Kangra (HP) (SH:-P/F aluminium work & water supply and sanitary Installation).	Rs 499868/-	10000/-	Two months

11.	Annual repair and maintenance Non-residential Building at HP PWD Sub-Divsion Nagrota Bagwan in Distt Kangra (HP) (SH:-P/F water supply & sanitary installation).	499981/-	10000/-	Three months
12.	Link road to village Patola in Distt Kangra (HP) (SH:- Providing and laying soling and wearing in Km 1/000 to 2/000).	498767/-	10000/-	Two months

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

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/ 14944-74 **Dated/** 23.02.2022

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 Qquantity

ESTIMATED COST: - ₹ 192136.00
EARNEST MONEY : - ₹ 3850.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : **Link road from Hatwas to Majethli road Km 0/000 to 2/000 in Distt Kangra (HP)**
SUB HEAD ***Construction of 1.00mtr span culvert with grating at RD 0/180***

S. No.	Description of items	Qty	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 metres) 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 soils as directed, within a lead of 50m (fifty meters), dressing of sides and bottom and backfilling in trenches with excavated suitable material as directed by the Engineer-Incharge, including carriage of materials within all leads lifts and other incidentals.	17.50 Cubic metres			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.	1.25 Cubic metres			Per cubic metre	
3	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 20mm (Twenty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	9.82 Cubic meters			Per cubic metre	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works as per approved drawing, design and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts	1133.60 Kilogram			Per kilo-gram	
				TOTAL : -		

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

Schedule of Quantity

ESTIMATED COST: - Rs. 453923.00
EARNEST MONEY : - Rs. 9100.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - **Construction of link road Kandi to village Patrood in Distt Kangra (HP).**
SUB HEAD : - ***Providing and laying WBM Grade-II in Km 0/480 to 0/930***

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.	106.31 Cubic metres			Per Cubic metres	
2	Providing, laying, spreading and compacting stone aggregate of size 53mm to 22.4mm (Fifty three millimeter to Twenty two point four millimeter) Grading-III size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as per drawing and HP.PWD technical specifications, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	106.31 Cubic metres			Per cubic metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - Rs. 499
EARNEST MONEY : - Rs. 10
TIME LIMIT : THREE MO

OF WORK : - **Constuuction of Busal Nariyalkar Sipanpat road Km 0/000 to 4/525 in Distt. Kangra (H.P.)**
EAD : - ***Balance work of P/L cement concrete pavement between Km 4/250 to 4/400***

Description of items	Quantity	Rate		Unit	Amo
		In fig	*In words*		
2	*3*	*4*	*5*	*6*	*7*
oviding, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) **rading-II** size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to oper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size 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 m (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as r technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	34.75 Cubic metres			Per Cubic metres	
roviding and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical pecification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four raded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the ngineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	71.75 Cubic meters			Per cubic metre	
				TOTAL : -	

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

Schedule of Qquantity

ESTIMATED COST: - ₹ 499673.00
EARNEST MONEY : - ₹ 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : **Repair and maintenance of Chari to Lahar road in Distt Kangra (HP)**
SUB HEAD ***Construction of culvert.***

S. No.	Description of items	Qty	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.	45.23 Cubic meters			Per cubic metre	
3	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 20mm (Twenty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	35.82 Cubic meters			Per cubic metre	
4	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works as per approved drawing, design and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	2610.15 Kilogram			Per kilo-gram	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 499477.00
EARNEST MONEY : - Rs. 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - Annual repair and maintenance of various roads under Baroh Sub-Division. HP PWD Baroh in Distt. Kangra (H.P.).

SUB HEAD : - ***Providing and laying interlocking concrete paver block pavement road.***

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 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal siz as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	23.53 Cubic metres			Per cubic metre	
2	Providing and Laying 60mm (Sixty milimetres) Interlocking Concrete Block Pavements having thickness as per drawings and Technical Specification Clause 1504 make of NTC/ GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	478.90 Square metres			Per Square metre	
					TOTAL : -	

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

Schedule of Quantity

ESTIMATED COST: - ₹ 499916.00
EARNEST MONEY : - ₹ 10000.00
TIME LIMIT : - THREE MONTHS

NAME OF WORK :- **Construction of link road from Danoa to Kharat Khas in Distt Kangra (HP).**
SUB-HEAD : - ***Construction of 900mm dia Hume pipe culvert alongwith wing wall at RD 1/125 & 1/250***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, including entire carriage of materials within all leads, lifts and other incidentals.	35.90 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 1:3:6 (One Cement : Three coarse sand): Six graded stone aggregate 40 mm (Forty millimetre) nominal size) complete etc as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	12.55 Cubic meters			Per cubic metre	
3	Providing and laying in position ready mixed plain cement concrete, with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, including the cost of centering, shuttering and finishing, including cost of curing, admixtures in recommended proportions as per IS : 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability M-15 (M-Fifteen) grade plain cement concrete (cement content considered @ 240 kg/cum)as per direction of the Engineer- in-charge including entire carriage of materials within all leads an d lifts and other incidentals.	19.44 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.	45.62 Cubic metres			Per cubic metre	
5	Providing and laying non-pressure NP2 class Reinforced Cement Concrete hume pipes 900mm (Nine hundred millimetre) dia with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement : Two fine sand) including testing of joints etc; complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	15.00 Running metre			Per running metre	
6	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm (One hundred millimetre) dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as per drawing and HP.PWD technical specifications, and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	12 Numbers			Each	

7	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	24.33 Cubic metres			Per cubic metre	
8	Filling with available fly ash and earth (Excluding rock) trenches 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 including entire carriage of materials within all leads and lifts and other incidentals.	8.90 Cubic metres			Per cubic metre	
						TOTAL : -

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

Schedule of Quantity

ESTIMATED COST: - Rs. 243570.00
EARNEST MONEY : - Rs. 4900.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - Link road Hatwas to Ohlari road Km 0/000 to 1/0000 in Distt. Kangra (H.P.).
SUB HEAD : - ***Providing and laying Cement Concrete Pavement at RD 0/000 to 0/200***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing, laying, spreading and compacting stone aggregate size 63mm to 45mm (Sixty three millimeter to forty five millimeter) **Grading-II** size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point zero eight cubic metre) per 10 Sqm (ten square meter) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	40.00 Cubic metres			Per cubic metre	
2	Providing and laying concrete for plain un-reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	60.00 Cubic meters			Per cubic metre	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499866.00
EARNEST MONEY :- ₹ 10000.00
TIME LIMIT ONE MONTH

NAME OF WORK:- **Annual Maintenance Plan for the year 2021-22 on NH-154 to Keerchamba road in Distt Kangra (HP)**

SUB-HEAD :- **Providing and laying bituminous concrete pavement in Km 0/000 to 0/500**

Sl. No.	Description of work	Quantity	RATES In Fig	RATES In Word	Unit	Amount
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.	1240.00 Square metres			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 rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	37.040 Cubic metres			Per cubic metre	
3	Providing and laying concrete for plain un-reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness and as per direction of Engineer-in-Charge 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.	59.66 Cubic metres			Per cubic metre	
					Total :-	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - Rs. 489445.00
EARNEST MONEY : - Rs. 9800.00
TIME LIMIT : TWO MONTHS

AME OF WORK : - **Link road Old Chungi to Gas Godown Km 0/000 to 0/600 in Distt. Kangra (H.P.).**
UB-HEAD : - ***Providing and fixing steel work grating at various RDs.***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	*In words*		
1	2	3	4	5	6	7
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including entire carriage of materials within all leads, lifts and other incidentals.	2425.25 Kilogram			Per kilogram	
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.	280.80 Square metres			Per Square metre	
					TOTAL: -	

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

SCHEDULE OF QUANTITY

ESTIMATED COST: - ₹ 499868.00
EARNEST MONEY : - ₹ 10000.00
TIME LIMIT : THREE MONTHS

NAME OF WORK : - Annual repair and maintenance Non-Residential Building at HPPWD Sub-Division Nagrota Bagwan in Distt. Kangra (HP).
SUB-HEAD : - ***P/F aluminium work, WS & SI etc;***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing and fixing anodised aluminium work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions. at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazinge/ panelling C.P. brass/stainless steel screws for doors windows and ventilatiors and glazed partitions frames as per direction of Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	289.50 Kilo-grams			Per kilo-gram	
2	Providing and fixing 150mm (One hundred fifty millmetres) dia pipes on wall face P.V.C. (D-Plast) rain water pipes of working pressure not less than 4.5 kg/sqm (Four point five kilograms per sqaure metres) including filling the joints with approved adhesive complete as directed by the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	102.10 Running metres			Per running metre	
3	Wall painting (two coats) with premium emulsion paint of Asian paint/Nerolac Suraksha/Berger paint/Dulux paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	2700.00 Square metres			Per square metre	
4	Providing and fixing white vitreous china wall mounted type water closet (Eruropean type W.C. pan) with seat and lid 10 ltrs (Ten liters) low level white PVC flushing cistren including flush pipe, with manually controlled device (Handle lever) with fitting and fixtrures complete including cutting and making good the walls and floors whereever requred W.C. pan with ISI marked white solid plastic seat and lid complete including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	1 Number			Each	
5	Providing and fixing vitreous china water closet squatting pan (Indian type W.C. pan) size 580mm (Five hundred eighty millimeters) (earth work, bed concrete, foot rest and trap to be measured and paid for separately) complete as per direction of Engineer-In-Charge, including carriage of material within all leads, lifts and other incidentals.	5 Number			Each	

No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
10	Providing and laying 20mm (Twenty millimeters) thick granite stone in flooring 20mm (Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement : Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete as per approved drawing, design and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	25.00 Square metres			Per square metre	
6	Providing and fixing vitreous China ordinary wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(1 cement : 1 sand) (Seat and over to be measured and paid for separately 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.	9 Numbers			Each	
7	Providing and fixing 10.0012.50/15.00 (ten/Twelve point fifty/Fifteen litres capacity PVC vitreous China low level flushing cistern with a pair of C.I. or mild steel brackets, complete with fitting such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P. Brass handle, unions and couplings for connections with inlet, outlet and overflow pipes, 40mm dia C.P. flush bend including cutting holes in walls and making good the same and connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately) within all leads, lifts of materials and other incidentals	15 Numbers			*Each*	
8	Providing and fixing white plastic(solid/hollow type) seat and cover for wash down water closet with C.P. brass hinges and rubber buffers (White plastic seat) including entire carriage of materials within all leads, lifts and other incidentals	9 Numbers			Each	
9	Providing and fixing PTMT jet spray of approved quality and colour with 1.5 mtr. (One point five millimetres) tube within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	9 Numbers			Each	
10	Providing and fixing Flat back type of size 430x 260x350mm (Four hundred thirty into two hundred sixty into three hundred fifty millimetres) vitreous China bowl pattern urinal including connection the urinalwith waste pipe by means of white lead mixed with chopped hemp (waste pipe to be measured and paid for separately including entire carriage of materials within all leads, lifts and other incidentals.	7 Numbers			Each	
11	Providing and fixing Division Plate for Urinals 600mm x 300 (Six hundred into three milimetres) Vitreous China complete and as per direction of Engineer-in-charge, including carriage of material within all leads, lifts and other incidentals.	6 Numbers			Each	

No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
12	Providing and fixing vitreous china wash basin Delta No. 10010 of 55x40cm (Fifty five into forty centimetre) of Hindware/Cera/Jaguar of star white/snow white shade with double hole for pippar tap with C.I. or M.S. brackets, painted white including holes in walls and making good the same including fitting including entire carriage of materials within all leads, lifts and other incidentals.	17 Numbers			Each	
15	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste for wash basin or sink ISI make complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	12 Numbers			Each	
					TOTAL : -	

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

SCHEDULE OF QUANTITY

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

NAME OF WORK : - Annual repair and maintenance Non-Residential Building at HPPWD Sub-Division Nagrota Bagwan in Distt. Kangra (HP).
SUB-HEAD : - ***P/F water supply & sanitary instalation***

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing and fixing vitreous china wash basin I.S. no. 1025 Cera / Hindware or equivalent 55x40x80cm (Fifty five into forty into eighty centimetres) with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same with pedestal but excluding fittings within all leads, lifts of materials and other incidentals	17 Numbers			Each	
2	Providing and fixing 32mm (Thirty two milimetres) diameters rubber plug for sink/wash basin ISI make complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	16 Numbers			Each	
3	Providing and fixing 32mm (Thirty two millimetres) dia C.P. Brass waste for wash basin or sink ISI make complete and as per direction of Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	5 Numbers			Each	
4	Providing and fixing 15mm (Fifteen milimetres) diameters C.P. brass.pillar tap with capstan head, including entire carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	17 Numbers			Each	
5	Providing and fixing chromium plated brass toilet paper holder Clarion series (GA/GB Endorsing the green building norm/Green Initiative/Jaguar or equivalent (Heavy duty make ISI marked No-8931 & 8934) including entire carriage of materials within all leads, lifts and other incidentals.	9 Numbers			Each	
6	Providing and fixing 600x450mm (Six hundred into Four hundred fifty milimetres) size bevelled edge mirror of superior glass mounted on 6mm thick A.C. Sheet or plywood sheet and fixed to wooden plugs with C.P. Brass screws and washers complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	17 Numbers			Each	
7	Providing and fixing 15mm (Fifteen milimetres) diameters C.P. brass bib tap with capstan head, including entire carriage of materials within all leads, lifts and other incidentals.	15 Numbers			Each	
8	Providing and fixing 15mm (Fifteen milimetres) dia long body brass bib tap (Superior or heavy type) Cera or its equivalent complete as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals.	15 Numbers			Each	

	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In words*		
	2	3	4	5	6	7
9	Providing and fixing glazing with glass panes of 5.50mm (Five point five zero millimeters) thickness (weight not less than 13.75 kg/sqm. (Thirteen point seven five kilograms per square meters) as per architectural drawings and the directions of Engineer-Incharge, cost of amluminium snap beeding shall be paid in basic item including entire carriage of materials within all leads, lifts and other incidentals.	168.11 Square metres			Per square metre	
10	Construction of manhole with R.C.C. top slab in 1:2:4(One cement: Two sand: Four graded crushed stone aggregate 20mm(Twenty millimetres nominal size) foundation concrete 1:4:8(One cement: Four sand: Eight graded crushed/broken stone aggregate 40mm(Forty millimetres nominal size) inside plastering 15mm (Fifteen millimetres) thick with cement mortar 1:3 (One Cement: three sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4(One cement: Two sand: Four graded crushed stone aggregate 20mm(Twenty millimetres nominal size) finished smooth complete including curing and testing inside size 800x800mm (Eight hundred into Eight hundred millimetres) 500mm(Five hundred millimetres) deep, including C.I. cover with frame (light duty single seal pattern -I) 450x610mm (Four hundred fifty into six hundred ten millimetres) internal dimensions. Total weight of cover and frame should be 38 Kgs (Thirty eight kilograms) i.e. weight of cover 23 Kgs (Twenty three kilograms) and weight of frame 15 Kgs (Fifteen kilograms) with 300mm (Three hundred millimetres) thick walls of squared rubble masonry coursed with hard stone of approved quality in cement mortar 1:3 (one cement: three sand) including entire carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	31 Numbers			Each	
11	Providing and fixing 100mm (One hundred milimetres) dia pipe on wall face PVC (D-Plast) rain water pipes of working pressure not less than 4.5 kg/sqm including filling the joints with approved adhesive complete as per direction of Engineer-In-Charge, including carriage of material within all leads, lifts and other incidentals.	277.40 Running metres			Per running meter	
12	Providing and fixing 150mm (One hundred fifty milimetre) dia on wall faces PVC (D-Plast) accessories for rain watr pipe including filling the joints with approved adhesive complete complete as per direction of Engineer-In-Charge, including carriage of material within all leads, lifts and other incidentals.	37 Numbers			Each	
13	Providing and fixing 100mm (One hundred milimetres) dia pipe wall plugs and standard holder bat clamps comprising of two semi circular havles of flat iron and cast iron base screwed complete as per direction of Engineer-In-Charge, including carriage of material within all leads, lifts and other incidentals.	35 Numbers			Each	
14	Providing and fixing hydraulic door closer single acting complete as directed by the Engineer- Incharge, including carriage of material within all leads, lifts and other incidentals	6 Number			Each	
					TOTAL : -	

Executive Engineer

Schedule of Quantity

ESTIMATED COST : - ₹ 498767.00
EARNEST MONEY : - ₹ 10000.00
TIME LIMIT : - TWO MONTHS

NAME OF WORK : - Link road to village Patola in Distt. Kangra (H.P.).
SUB HEAD : - Providing and laying soling and wearing in Km 1/000 to 2/000

Sr. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig	*In Words*		
1	*2*	*3*	*4*	*5*	*6*	*7*
1	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) **Grading-I** size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point zero eight cubic metre) per 10 Sqm (ten square meter)to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	310.00 Cubic metres			Per cubic metre	
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) **Grading-II** size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	232.50 Cubic metres			Per cubic metre	
					Total :-	

Executive Engineer,
HPPWD Division,
Tanda at Nagrota Bagwan.