### 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 09.08.2024 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 08.08.2024. up to 4:00 P.M and the application for issue of tender form shall be received on 07.08.2024 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	Estimat ed Cost	Earnes t Money	Time limit
1	Restoration of rain damages on link road from Thehru Har to Sakrah Damtehar Km 0/000 to 5/000 in Distt Kangra (HP) (SH:-Construction of Breast wall at RD 0/470 to 0/485 and 0/500 to 0/520)	282621/-	5700/-	Two months
2.	Construction of link road from Mangrela to Talai Behar in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement at RD 0/000 to 0/150).	267458/-	5350/-	Three months
3.	Construction of Upper Aerla Gadrana Pallu Baroh Km 0/000 to 7/400 in Distt Kangra (HP) (SH:-Construction of V-shape drain at Km 2/800 to 3/000 and Providing laying cement concrete pavement at RD 2/600 to 2/950).	476651/-	9550/-	Three months
4	Construction of link road to village Chakban Sarotari in District Kangra (HP) (SH:-Extension of existing 900mm dia RCC hume pipe culvert at RD 1/745 and Construction of retaining wakk at RD 1/750 to 1/760).	283034/-	5700/-	Three months
5.	Construction of link road Village Kalru in Distt Kangra (HP) (SH:-Construction of 900mm dia RCC Hume pipe culvert at RD 1/450, Construction of Edge wall at RD 1/010 to 1/019 and Providing and laying cement concrete pavement at RD 1/350 to 1/450).	497976/-	10000/-	Three months
6.	Restoration of rain damages on Thana Bargran Busal road Km 0/000 to 4/500 in District Kangra (HP) (SH:-Providing wire crate protection work at RD 1/00 to 1/915).	242158/-	4900/-	Three months
7	Restoration of rain damages on link road from Kandi to Danoa via Bhorla Km 0/000 to 5/200 in Distt kangra (HP) (SH:-Improvement of road width by providing retaining wall in wire crate work at RD 4/400 to 4/425).	410865/-	8250/-	Two months
8.	Restoration of rain damages on link road from Kandi to Danoa via Bhorla Km 0/000 to 5/200 in Distt Kangra (HP) (SH:-Construction of vented causeway at RD 4/285, wire crate protection work at RD 4/290 to 4/300, Providing and laying cement concrete pavement at RD 4/280 to 4/295).	477651/-	9550/-	Two months
9.	Construction of link road from Sadoon to Rangehar in Distt Kangra (HP) (SH:-Earth filling [providing and laying G-II and G-III between Km 0/000 to 0/470).	490967/-	9850/-	Two months
10.	Restoration of rain damages on Daulatpue Sunhi Sarotari Kandi road Km 3/000 to 14/400 in Distt Kangra (HP) (SH:-Construction of Breast wall at RD 9/950 to 9/975) (Telecom Deposit)	237274/-	4750/-	Two months
11.	Providing way road side facilities on Bane-Di-Hatti to Obra road Km 0/000 to 5/345 in Distt Kangra (HP) (SH:-Construction of rain shelter at RD 2/800).	176132/-	3550/-	Three months
12.	Restoration of rain damages on link road from Baldhar to Jassour Km 0/000 to 4/600 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/450 to 0/510).	396038/-	7950/-	Two months

13.	Restoration of rain damages on Daulatpur Sunhi Sarotari Kandi road Km 3/00 to 14/400 in Distt Kangra (HP) (SH:-Protection work to existing RCC Hume pipe culvert by providing retaining walls at RD 11/710 to11/720 and 11/735 to 11/745).	221734/-	4450/-	Two months
14.	Restoration of rain damages to Govt. I.T.I Baroh at Sarotari in Distt Kangra (HP) (SH:-Balance work earth filling, plinth protection and repair of plaster etc; (Deposit work)	142595/-	2900/-	Two months
15.	Restoration of rain damages on link road from Nagrota Masal Rajhoon to Ulhari road Km 0/000 to 2/035 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/210 to 0/222(Both side) and RCC slab culvert at RD 0/220 etc; deposit work)	215179/-	4850/-	Two months
16.	Restoration of rain damages on Daulatpur Sunhi Sarotari Kandi road Km 3/000 to 14/400 in Distt Kangra (HP) (SH:-Construction of Breast wall at RD 10/360 to 10/380).	194530/-	3900/-	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

HIMSUCHANA AVAM & JAN SAMPARK

(On behalf of Governor of Himachal Pradesh)
Dated/ 92-7-9024

No.PW/NBD/TA/Tender/NIT/2023-24-

IIT/2023-24- 4412 - 41

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

TWO MONTHS 282621.00 5700.00

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

NAME OF WORK: - Restoration rain damages on link road from Thehru Har to Sakrah Damtehar Km 0/000 to 5/000 in Distt. Kangra (H.P.)

	TOTAL:-	-			*	
		•			including carriage of materials within all leads, lifts and other incidentals.	
	metre	•			complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge	
	running			Running	100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face	
	Pcr			26.85	Providing weepholes in brick massnry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with	w
					carriage of material within all leads, lifts and other incidentals.	
	incire			metres	nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including	
	cubic			Cubic	work up to plinth level 1:5:10 (One cement: Five coarse sand: Ten graded stone aggregate 40 mm (Forty millimetres	
	Per			71.35	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All	2
					incidentals.	i
					surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other	
	inetre			meters	ramming of bottoms, lift upto 1.5 m (One point five nietre), including getting out the excavated soil and disposal of	
	cubie			Cubic	exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and	
	Per			35.24	Excavation work by mechanical means (Hydraulic excavator)/ manual means in toundation trenches or drains (not	_
7	6	5	4	w	2	_
		In words	In fig.			2
Amount	Unit	Rate		Quantity	Description of items	s.
	-				SUB HEAD: - Construction of Breast wall at RD 0/470 to 0/485 and 0/500 to 0/520	SUB

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT:

THREE MONTHS

267458.00 5350.00

<u>NAME OF WORK</u>:- Con <u>SUB-HEAD</u>:- **Pro**1

Construction of link road from Mangrela to Talai Behar in District Kangra, (H.P.). Providing and laying Cement Concrete Pavement at RD 0/000 to 0/150.

No.	IB-HEAD:-
Description of items	Providing and laying Cement Concrete Pavement at RD 0/000 to 0/150.
Ouant	
RATES	
Unit	
Amount	

						2									,	1		Sr No.
	and any other taxes imposed by the Government.	and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST	material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications	aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of	All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone Cubic metres	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	other incidental.	density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and	point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required	point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero	stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero	wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming,	Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three	forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Cubic metres	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to	2		Description of items
					Cubic metres	40.07								Cubic metres	20.03	w		Quantity
				_												4	In sig	
																5	in words	RATES
TOTAL :-					metre	Per cubic								metres	Per Cubic	6		Unit
																7		Amount

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

ESTIMATED COST:- Rs. 476651.00
EARNEST MONEY:- Rs. 9550.00
TIME LIMIT : THREE MONTHS

NAME OF WORK:- Co

Construction of Upper Aerla Gadrana Pallu Baroh Km 0/000 to 7/400 in District Kangra, (H.P.).

SUB-HEAD: Construction of V-shape drain at Km 2/800 to 3/000 and Providing and laying cement concrete pavement at RD 2/900 to 2/950.

	rotal :-				
	Per cubic metre		S6.70 Cubic metres	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty-millimetres) nominal size mechanically mixed and curing complete 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. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	4
	Per Cubic metres		28.35 Cubic metres	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.	tu.
	Per cubic metre		20.35  Cubic metres	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushcd stone aggregate 40mm (Forty-millimetres) nominal size mechanically mixed and curing complete 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. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2
	Per cubic metre		Cubic metres	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. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	-
7	6	5	3 4	2	_
Amount	Unit	RATES In words	Quantity In fig	Description of items	Sr No.
					•

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

NAME OF WORK:-

SUB-HEAD:-

Construction of link road to village Chakban Sarotri in District Kangra, (H.P.) Extension of existing 900mm dia RCC Hume pipe culvert at RD 1/74S and Construction of Retaining wall at RD 1/750 to 1/760

ESTIMATED COST: - Rs. 283034.00

EARNEST MONEY: Rs. 5700.00

TIME LIMIT : THREE MONTHS

Sr No. N 4 رسا specifications, approved drawing, design and as directed by the Enginecr-in-charge. The rate is inclusive of octroi, royality Providing and laying mechanically mixed and vibrated for plain cement concretein open foundation complete using plain soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. specification Clause 1105.1 including the cost of form work but excluding the cost of reinforcement for reinforced concrete which may arrise at the time of laying under water complete for all heights/ depths as per drawings and MORD technical design mix with cement contents not less than 275kg (two hundred seventy five kilogramme) per cubic metre in or under cement conerete grade M-15 (M-Fifteen) 1:2.5:5 (one cement: two point five sand: five graded crushed stone aggregate) other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone aggregate 40mm (Forty Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and up to plinth level cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone aggregate 40mm (Forty specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of work etcetra and curing complete including carriage of material within all leads, lifts and other incidentals as per water including curing complete including pumping or bailing out water, dewatering, removal of slush as required at site The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of Description of items Quantity 51.24 metres metres Cubic meters 10.67 Cubic Cubic 0.97 metres 8.75 In fig RATES In words Per cubic Per cubic Per cubic Per cubic metre metre metre Unit Amount

TOTAL :-			
		royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	
217		as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi,	
		rolling/ramming and watering, all complete as directed by the Engineer-in-charge, within all leads, lifts and other incidentals	
		compacted thickness 30 cm (Thirty centimetre) or as decided by Engineer -in-charge, including compacting each layer by	
 	mcters	four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum	-14
metre	Cubic	cm (Fifteen centimetre)), with intermediate layer of compacted earth (Soil density of 98% (Ninety eight percent)) after every	
Per cubic	2.08	Earth work in surface excavation not exceeding 30 cm in trenches or embankment in layers (cach layer should not exceed 15	8
		the Government.	
		Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by	
	-	leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the	
menc	metre	as per drawing and technical specifications clauses 614, 709, 1204.3.7 complete including carriage of material within all	
running	Running	mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete	_
Per	19.20	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100	7 1
		Toll tax, sale tax, GST and any other taxes imposed by the Government.	. 1
	Henes	drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana,	
metre	Cubic	1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved	
Per cubic	20.55	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause	6 I
		taxes imposed by the Government.	
		directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other	
		of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as	
		in head walls and parapets as per drawing and M.O.R.D. technical specifications Clause 1108 complete including carriage	
metre	metres	2 (One coment: Two sand) but excluding the cost of excavation, protection works, back filling, concrete and masonry work	-
 Running	Running	Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1:	
Per	2.50	Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diametres reinforced cement concrete pipe IS	5

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

EARNEST MONEY: ESTIMATED COST: -

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497976.00 10000.00

THREE MONTHS

TIME LIMIT

SUB-HEAD:-NAME OF WORK:-

Construction of link road to village Kalru in District Kangra, (H.P.).

Construction of 900mm dia RCC Hume pipe culvert at RD 1/450, Construction of Edge wall at RD 1/010 to 1/019 and Providing and laying Cement concrete pavement at RD 1/350 to 1/450..

				octroi; royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	-	·
				specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of		
				work etcetra and curing complete including carriage of material within all leads, lifts and other incidentals as per		
				specification Clause 1105.1 including the cost of form work but excluding the cost of reinforcement for reinforced concrete		
		_		which may arrise at the time of laying under water complete for all heights/ depths as per drawings and MORD technical		
				water including curing complete including pumping or bailing out water, dewatering, removal of slush as required at site		
				design mix with cement contents not less than 275kg (two hundred seventy five kilogramme) per cubic metre in or under		
лене			Cubic	cement concrete grade M-15 (M-Fifteen) 1:2.5:5 (one cement : two point five sand : five graded crushed stone aggregate)		
Per cubic			10.50	Providing and laying mechanically mixed and vibrated for plain cement concretein open foundation complete using plain	w	
				The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.		
				other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.		
				millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and		
III CIIC			Cubic	up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone aggregate 40mm (Forty		
Per cubic			1.27	Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.  Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work	2	
				specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality,		
				soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per		
				bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated		
тепе			Cubic	1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of		
Per cubic			35.47	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding	1	
6 7	5	4	لى ا	2	1	
	In words	Infig				
Unit Amount	RATES		Quantity	Description of items	Sr No.	

		royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	1,000
-		as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi,	
	,	rolling/ramming and watering, all complete as directed by the Engineer-in-charge, within all leads, lifts and other incidentals	
		compacted thickness 30 cm (Thirty centimetre) or as decided by Engineer -in-charge, including compacting each layer by	
	meters	four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum	
metre	Cubic	cm (Fifteen centimetre)), with intermediate layer of compacted earth (Soil density of 98% (Ninety eight percent)) after every	
Per cubic	4.15	8 Earth work in surface excavation not exceeding 30 cm in trenches or embankment in layers (each layer should not exceed 15	8
		the Government.	
		Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by	
		leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the	
		as per drawing and technical specifications clauses 614, 709, 1204.3.7 complete including carriage of material within all	
running metre	Running	mm dia PVC pipe extending through the full width of the structures with slope of I(V):20(H) towards drawing face complete	
Per	5.70	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100	7
		Toll tax, sale tax, GST and any other taxes imposed by the Government.	
		drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana,	
metre	Cubic metres	1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved	
Per cubic	8.42	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause	9
		taxes imposed by the Government.	
-		directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other	
		of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as	
		in head walls and parapets as pcr drawing and M.O.R.D. technical specifications Clause 1108 complete including carriage	
		2 (One cement: Two sand) but excluding the cost of excavation, protection works, back filling, concrete and masonry work	
metre	metres '	Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1:	- —
Per	5.00	Providing and laying (to level or slope) 900mm dia (Nine hundred millimeter) diametres reinforced cement concrete pipe IS	Ŋ
		The rate is inclusive of octroi, royality, Malkana, Toll tax, salc tax, GST and any other taxes imposed by the Government.	
		other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.	*
		millimetres) nominal size mechanically mixed and curing complete including earriage of material within all leads, lifts and	
Hono	metres	up to plinth level cement concrete 1:5:10 (One ecment; five sand; ten graded broken/crushed stone aggregate 40mm (Forty	
Per cubic	22.49	4 Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work	4

rotal :-		
		The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.
		other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge.
		millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and
metre	Cubic metres	up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty
Per cubic	47.25	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work
		of materials within all leads and lifts and other incidental.
		aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage
		square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse
		(thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten
	_	K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm
	licaes	including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred)
metres	Cubic	millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification
Per Cubic	23.63	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five: 23.63

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

EARNEST MONEY:

Rs. Rs.

242158.00 4900.00

THREE MONTHS

ESTIMATED COST: -

TIME LIMIT

NAME OF WORK:-SUB-HEAD:

Restoration of rain damages on Thana Bargran Busal road Km 0/000 to 4/500 in District Kangra, (H.P.).

Providing Wire crate protection work at RD 1/900 to 1/915.

	TOTAL :-					
					royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	
					as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi,	
					rolling/ramming and watering, all complete as directed by the Engineer-in-charge, within all leads, lifts and other incidentals	
					compacted thickness 30 cm (Thirty centimetre) or as decided by Engineer -in-charge, including compacting each layer by	
				meters	four layers of compacted depth of fly ash, sides & top layer of filling shall be done with earth having total minimum	
	metre			Cubic	cm (Fifteen centimetre)), with intermediate layer of compacted earth (Soil density of 98% (Ninety eight percent)) after every	
	Per cubic			18.00	Earth work in surface excavation not exceeding 30 cm in trenches or embankment in layers (each layer should not exceed 15	w
					incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	
					of 200 mm (Two hundred millimtere), as per drawing, all ccomplete including carriage of material within all leads, lifts and other	
					point two millimtere) (ID/OD), supplied @3% (Three percent) by weight of Gabion boxes, filled with boulders with least dimension	
					numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2/3.2mm (Two point two/ three	
					seven millimtere) (ID/OD), mechanically edged/ selvedged with partitions at every 1m interval and shall have minimum 10 (Ten)	
				meters	millimetre) with tolerance of ±2%), Zinic+10% AI alloy+PVC coated, Mesh wire diameter 2.7/3.7mm (Two point seven/three point	
	metre			Cubie	per IS 16014:2012,MORTH Clause 2500, of required size, Mesh Type 10x12 (Ten into twelve) (D=100 mm (One hundred	
	Per cubic			86.40	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as	5
					Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	
					specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality,	10
					soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per	, ,
				metres	bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated	_
	metre			Cubic	1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of	
	Per cubic			33.08	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding	1 1
7	6	5	4	w	2	1
		In words	In fig			
Amount	Unit	RATES		Quantity	Description of items	Sr No.

H.P.P.W.D. Division, Executive Engineer,

Tanda at Nagrota Bagwan.

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ESTIMATED COST: EARNEST MONEY: -

EARNEST MONEY : TIME LIMIT : -

TWO MONTHS

₹ 410865.00 ₹ 8250.00

NAME OF WORK :-Restoration of rain damages on link road from Kandi to Danoa via Bhorla Km 0/000 to 5/200 in Distt. Kangra (H.P.).

No. SUB-HEAD :-Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not Providing and making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Filling available exeavated earth (excluding rock) intrenches or embankment in layers (each layer should not exceed 15 charge including carriage of materials within all leads, lifts and other incidentals. Gabion Boxes as per IS 16014:2012,MORTH Clause 2500, of required size. Mesh Type 10x12 (D=100 mm with surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and Incharge ineluding carriage of material within all leads, lifts and other incidentals. and direction of Engineer -in - charge as per drawing and HP.PWD technical specifications and as directed by Engineer by Engineer-in-charge, including compacting each layer by rolling/ramming and watering, all complete as per drawing ash, sides & top layer of filling shall be done with earth having total minimum compacted thickness 30 em or as decided cm), with intermediate-tayer of compacted earth (Soil density of 98%) after every tour layers of compacted depth of fly boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion edged/selvedged with partitions at every 1m (One inetro) interval and shall have minimum 10 numbers of openings per tolerance of ± 2%) Zinc coated, Mesh wire diameter 3.0 mm (Three point zero millimetres), mechanically Improvement of road width by providing Retaining wall in wire crate work at RD 4/400 to 4/2005 Description of items Quantity 150.26 metres Cubic Cubic 22.18 Cubic meters metres 31.20 In fig. 4. Rate In words cubic metre cubic cubic metre metre Cnit Per Per Per 6 Amount

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Executive Engineer,
H.b.p.w.D., Division,
Tanda at Nagrota Bagwan.

ESTIMATED COST: EARNEST MONEY: -

477651.00 9550.00

TIME LIMIT :-

TWO MONTHS

SUB-HEAD :-NAME OF WORK :-Restoration of rain damages on link road from Kandi to Danoa via Bhorla Km 0/000 to 5/200 in Distt. Kangra (H.P.). Construction of vented causeway at RD 4/285, Wire Crate protection work at RD 4/290 to 4/300, providing and laying cement concrete pavement at RD 4/280 to 4/295

<i>∞</i>	٧.	4 3	2		1	No.
Filling available excavated earth (excluding rock) intrenches or einbankment 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.	Providing and making Gabion structure with Mcchanically 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, Mcsh 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-incharge including carriage of materials within all leads, lifts and other incidentals.	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement: Two and half sand: five graded) broken/crushed stone aggregate 20nm (Twenty millimeters) nominal size PCC grade M-15 (M-Fifteen), as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying non-pressure NP2 class R.C.C. hume pipes 900mm (Nine hundred millimetre) dia with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement: Two fine sand) including testing of including carriage of material within all leads, lifts and other incidentals.	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 ttP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	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.	2	Description of items
19.75 Cubic metres	85.50 Cubic metres	Cubic metres 5.00 Running metre	1.27 Cubic metres	38.45 Cubic meters	w	Quantity
					4	In fig.
		•			, 5	Rate In words
Per cubic metre	Per cubic metre	Per cubic metre  Per running metre	Per cubic metre	Pcr cubic metre	٥	Unit
					7	Amount

Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto all plinth level Thermo-Mcchanically Treated ars of grade Fc-500D or more as directed by the Engineer-Kilo grant Incharge including carriage of materials within all leads, lifts and other incidentals.  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 cubic millimetres) nominal siz as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One Cement : Two coarse sand : Four graded stone aggregate 20mm (Twenty millimetres) cubic mominal size complete as per HPPWD technical specification and within all leads, lifts and other incidentals as per mctrcs
bending, placi Fc-500D or in ncidentals. uding the cost of Eight graded of carriage of ma
e-500D or midentals.
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 (cighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqnn (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 complete as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-charge.

Executive Engineer,
H.P.P.W.D., Division,
Tanda at Nagroid Bagawarr.

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

TWO MONTHS

490967.00 9850.00

NAME OF WORK: -- Construction of link road from Sadoon to Rangehar in Distt. Kangra (H.P.)

SUB HEAD: - Earth filling, providing and laying G-II and G-III between Km 0/000 to 0/470

	TOTAL:-					
	Per cubie metre		1	Cubic metres	Providing, laying, spreading and compacting stone aggregate of size \$3num to 22.4num (Fifty three millimeter to Twenty two point four millimeter) Grading-III size [75num (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as per drawing and HP.PWD technical specifications, as directed by the Engincer-Incharge including carriage of materials within all leads, lifts and other incidentals.	5
*	Per cubic metre			Cubic metres	Providing, laying, spreading and compacting stone aggregate of size 63nm to 45nm (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. The rate is inclusive of octroi, royality, Malkana, toll tax, sale tax or other taxes imposed by the Government.	4
	Per Square metre Per Square metre			Square metres 1579.20 Square metres	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications including entire carriage of materials within all leads and lifts and other incidentals.  Consolidation of sub grade with road roller including making good the undulation etcectra, with carth or quarry soil etc. and re-rolling the sub-grade completed as per HP.PWD specifications including entire carriage of materials within all leads and lifts and other incidentals.	ω ν
	Per cubic metre			Cubic metres	Filling available excavated earth (excluding rock) intreuches 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.	
7	6	5	4	ش	2	1
Amount		In words	In fig.	Channe	מבפרו לחומת מי ונכותפ	No.
À <b>33</b>	Tink	Data		Omaniita	Con Therefore the state of the	<b>S</b>

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

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237274.00 4750.00 TWO MONTHS

NAME OF WORK :-Restoration of rain damages on Daulatpur Sunhi Sarotari Kandi road Km 3/000 to 14/400 in Distt. Kangra (H.P.) ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

4	TOTAL:-	3	t:			
*	Each		•	20 Numbers	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 20 100 mm dia PVC pipe extending through the full width of the structures with slope of I(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engincer-Incharge including carriage of materials within all leads, lifts and other incidentals.	w
	Per cubic metre			Cubic metres	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.	2
	Per cubic inetre			22.18 Cubic meters	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metrc) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	1
7	6	5	4	3	2	7
		In words	In fig.			No.
Autount	Unit	Rate	-	Quantity	Description of items	s.
			,	0	SUB HEAD :- Construction of Breast wall at RD 9/950 to 9/975 ( Telecom) Dehugily	SUB I

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

ESTIMATED COST: EARNEST MONEY:TIME LIMIT :-

₹ 176132.00 ₹ 3550.00 THREE MONTHS

NAME OF WORK :-SUB-HEAD :-Providing way road side facilities on Banc-Di-Hatti to Obra road Km 0/000 to 5/345 in Distt. Kangra (H.P.) Construction of Rain Shelter at RD 2/800

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٥	∞	7	6	٠,	4	ω	2	-	~	No.	UB-t
Steel work welded in built up sections trusses and framed work, including cutting, fixing, lifting, hoisting and; placing in position of TATA/SAIL and applying a coat of red lead paint in gratings, framed gaurd, bars, ladders, railing, brackets and similar work, including entire carriage of material within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	Providing and fixing 100mm (One hundred milimetres) diametres milld steel hollow pipe (heavy grade) embeded in cement concrrete masonry work and filled with cement mortar 1:3 (One cement: Three sand) including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	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-Ineharge including carriage of material within all leads, lifts and other incidentals.	Providing and laying cement concrete 1.2:4 (One cement: two sand: four graded crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete excluding cost of forms work in foundation and plinth, as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	Stone/Boulder filling dry hand packed under flooring including consolidation complete as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	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.	Providing form work with steel plates of 3.15mm (Three decimal one five millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden battens and ballies for all heights/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 work in edge of slab and breaks in floors and walls under any thickness within all leads, lifts of materials and other incidentals, as per approved drawing, design and as directed by the Engineer-in-Charge.	Providing form work with steel plates of 3.15mm (Three decimal one five millimeters) thick, welded with angle iron in frames of 30x30x5mm (Thirty into Thirty into Five millimeters), so as to give a fair finish including centring, shuttering strutting and propping etc, with wooden batters 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 vertical surface such as walls(any thickness) partitions and the like including attached, pilasters, buttresses, plinth and string courses and the like 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.	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 in (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.	2	Description of items	SUB-HEAD :- Construction of Rain Shelter at RD 2/800
280.77 Kilogram	15,00 Running metres	2.40 Cubic metres	3.60 Cubic metres	1.80 Cubic mctres	5.58 Cubic metres	Running metres	7.20 Square metres	5.76 Cubie meters	3	Quantity	
						į	!		<i>t</i>	In fig	
						:			5	RATES In words	
Per kilo gram	Per running metre	Per cubic metre	Per cubic metre	Per cubic metre	Per cuhic metre	Per running metre	Per square metre	Per cubic metre	6	Unit	
					•				7	Amount	

implying a cost of red lead paint in trussed puthins in buildings and similar country country.  Invokations as per approved drawing, design and si directed by the Engineer-in-Change.  Providing and facing format (Compound State Care) and so directed by the Engineer-in-Change.  Invokations over 5 (Five) indexon primer country for leading from with personal country of the providing and heavy format country of the primer country of the providing and heavy fits and other meldenals.  Providing and heavy fits and other meldenals  Providing and having minor polished 25mm (Twenty five millimetres) have or more coat applied @ 9.0 Int 10 sign (Zaco point niner) liter 17 en 38.40  Square metro) over an under east of primer appled @ 9.50 int 10 sign (Zaco point niner) liter 17 en 38.40  Providing and having minor polished 25mm (Twenty five millimetres) thek be for the provided hade as per tense shade that of hooming of the provided hade as per deal is also hooming except and heavy fits and other incidenals.  Providing arriage of material within all leads, lifts and other incidenals and further as per specifications, approved drawing		Т	_											_	_				_!		_	_	_		-		_			_
sheet with top 17.94 flogram sheet with top 17.94 flogrametres if polyster of 5 Square fres) diametres metres ang carriage of square metres fling including 2.55 fling including		L	<u>=</u> .	p	5 5	-	E 5	31	$\bigcirc$	12 N	=	5	m.	a,		7	 =			- T	3	CL	ו2 אין	3	<del>=</del> 1	ਜੇ ਨ ਜ		1	E: 2	2 2
Kilogram  17.94 Square metres  2.55 Square metres  Square metres  15.00 Square metres  6.00 Square metres  1900.00 Centi-  900.00  Centi-  900.00				separately) in Indian lettrs/ figures of approved brand and manufacture including entire carriage of materials within all leads, lifts and other	ng letters or figures on any surface with synthetic enamel paint other than white paint (stops, comas, hyphens and the like not to be measured a	ted by the Engineer-in-charge.	in all leads, lifts and other incidentals and further as per HPPWD specifications, approved drawing,	and consolidated and grouted with line sand, including necessary excavation, levelling. Tressing and finishing the top smooth complete and consolidated and grouted with line sand, including necessary excavation, levelling, Tressing and finishing the top smooth complete and consolidated and grouted with line sand, including necessary excavation, levelling, Tressing and finishing the top smooth complete and are consolidated and grouted with line sand, including necessary excavation, levelling, Tressing and finishing the top smooth complete and consolidated and grouted with line sand, including necessary excavation, levelling, Tressing and finishing the top smooth complete and consolidated and grouted with line sand, including necessary excavation, levelling, Tressing and finishing the top smooth complete and the consolidated and the consolidated and grouted and the consolidated and grouted and the consolidated and grouted and grou	nty millimetres nominal size) over 75mm (Seventy five millimetres) thick bed of dry brick ballast 40mm (Forty millimetres nominal size), w	ng plinth protection 50mm thick of cement concrete 1.3:6 (Onc cement : Three coarse sand (zone - III) : Six graded stone aggregate 20m	ngineer-in-charge.	ding carriage of material within all leads, lifts and other incidentals and further as per specifications, approved drawing, design and as directed	the shade of the slab, including rubbing and polishing complete with base of coment mortar 1:4 (One cement: Four coarse sand) complete	wed shade as per detail slab flooring over 20 mm (average) thick base laid over and jointed with grey coment slurry mixed with pigment	form colour with 7.5 cm (Seven point live ecutimetre) wide Jaislmer Yellow marble band (NTC /Johnson) of same shade that of flooring	ding and laying mirro polished 25mm (Twenry five millimetre) thick Kota stone minimum Size 55x35cm (fifty live into Fifty Five centimetre	ling carriage of materials as directed by the Engineer-in-Charge, within all leads, titls and other incidentals.	e metre) over an under coat of primer applied @ 0.80 ltr/ 10 sqm (Zero point eighty liter / Ten square metre)of approved brand and manufactu	ing Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm (Zero point ninery liter / Tr	, lifts and other incidentals.	bers of steel work shall be measured & paid separately), as per directed by the Engineer-in-Charge, including carriage of materials within a	ig, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engincer-in-charge (Ba	ding and fixing M.S. B.P Sheet 1.66mm to 2mm (One point sixty six to Two milinetres) thick in eaves board/facia/soffits/ceiling including	ials within all leads, lifts and other incidentals	prepainted limpet and rubber washers complete with all accessories as required as directed by the Engineer- Incharge, including carriage	of regular modified polyster (KNF) organic coating of 20 (Twenty) interons over 5 (Five) microns primer coating to back coat of polyster of	dring and lixing 0.60mm (Zero decimal Six Zero millimetres) thick prepainted sheet in roofing with hot dipped metalic zine coated sheet with to		indiscrete approved drawing, design and as directed by the Engineer-in-Charge.	the safe was a second property of the safe was a second state
			metres	Centi-	900.00			metres	Square	6.00				metres	Sumare	15.00	metres	Square	38.40		metres	Square	2.55		mentes	Square	17.94		VIIOSIAII	Vilagram
																		1												
gram  Per square metre  Per square metre  Per square inetre  Per square metre  Per letter per conti- metre height  Potal :-						\$.		-1	<u> </u>																					
	Total :-	neignt	nietre	per centi-	Per letter	_		metre	square	Per				nictre	square	Per	ілепе	Square	Per		metre	square	Per			square	Per	5	S. m.	pram



ESTIMATED COST: EARNEST MONEY: TIME LIMIT

Rs.

396038.00 7950.00 TWO MONTHS

NAME OF WORK :-Restoration rain damages on link road from Baldhar to Jassour Km 0/000 to 4/600 in Distt. Kangra (H.P.). Construction of Retaining wall at RD 0/450 to 0/510

Quantity    Rate   In fig.   In words		TOTAL:-	T				
Quantity  In fig.  In words  3 4 5 6  18.60  Cubic meters  99.60  99.60  Per Cubic metre  28.00  Running metres  12.15  Cubic metre  Per running metre  Per cubic metre		1,011			TICHES	of an burner of the second contract of the second the s	
Quantity  In fig.  In words  3 4 5 6  18.60  Cubic meters  99.60  Cubic metre  99.60  Running metres  12.15  Per cubic metre		metre			Cubic	specification Clause 1204.3.6, granular material as per drawing and HFF with technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	
Quantity Rate Unit   In fig. In words 6   3 4 5 6   18.60 Per cubic metre cubic metre   99.60 Per cubic cubic metres Per cubic metre   28.00 Per running metre		Per	4		12.15	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical consideration of the particular and the particul	4
Quantity  In fig.  In words  3 4 5 6  18.60  Cubic meters  99.60  Cubic metre  99.60  Per Cubic metre  28.00  Running metres  Running metres  Par  Per  running metre  Runtity  Rate  Unit  Per  cubic metre  Per  cubic metre			*				
Quantity         Rate         Unit           In fig.         In words         6           3         4         5         6           18.60         Per cubic metre         cubic metre           99.60         Per cubic metre         cubic metre           99.60         Per cubic metre         cubic metre           28.00         Per running metre         Per running metre			4			including carriage of materials within all leads, lifts and other incidentals.	
Quantity         Rate         Unit           In fig.         In words         6           18.60         4         5         6           18.60         Per cubic metre           Cubic meters         Per cubic metre           99.60         Per cubic metre           Cubic metres         Per cubic metre           98.00         Per cubic metre           18.60         Per cubic metre           Per cubic metre         Per cubic metre           18.60         Per cubic metre           18.60         Per cubic metre           18.60         Per cubic metre           18.60         Per cubic metre		metre	•		metres	complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge	
Quantity         Rate         Unit           In fig.         In words         6           18.60         9er         cubic           meters         Per         cubic           99.60         Per         cubic           Cubic         per         cubic           metres         per         cubic           metres         per         cubic           metre         per         cubic           metres         per         cubic           metre         per         cubic		running		_	Running	100 mm dia PVC pipc extending through the full width of the structures with slope of 1(V):20(H) towards drawing face	
Quantity         Rate         Unit           In fig.         In words         6           3         4         5         6           18.60         Per cubic metre         cubic metre           meters         Per cubic cubic metre         metre		Per			28.00	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with	w
Quantity         Rate         Unit           In fig.         In words         6           18.60         9er         cubic           meters         Per         cubic           99.60         Per         cubic           cubic         metre         per           cubic         metre         metre							
Quantity         Rate         Unit           In fig.         In words         6           18.60         99.60         Per cubic metre           99.60         Per cubic metre           Cubic         Per cubic metre					1101103	carriage of material within all leads lifts and other incidentals	
Quantity         Rate         Unit           In fig.         In words         6           3         4         5         6           18.60         Per cubic metre         cubic metre           Per cubic cubic         Per cubic cubic		metrc			inelres	nominal size) as per drawing and HP PWD technical specifications and as directed by Engineer-Incharge including	
Quantity         Rate         Unit           In fig.         In words         6           18.60         99.60         Per cubic metre		cubic			Cubic	work up to plinth level 1:5:10 (One cement: Five coarse sand: Ten graded stone aggregate 40 mm (Forty millimetres	
Quantity Rate Unit  In fig. In words  3 4 5 6  18.60 Per Cubic meters meters		Per			99.60	Providing and laying in position coment concrete of specified grade including the cost of centering and shuttering - All	2
Quantity  In fig.  In words  3 4 5 6  18.60  Cubic  metre							
Quantity  In fig.  In words  3 4 5 6  18.60  Cubic  meters  Rate Unit Fraction Cubic Cubic meters  Rate Unit meter						incidentals.	
Quantity  In fig.  In words  In the words  I						surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other	
Quantity   Rate   Unit		metre		_	meters	ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of	
Quantity   Rate   Unit		cubic			Cubic	exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and	
Quantity Rate Unit  In fig. In words  3 4 5 6		Per			18.60	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	1
Quantity Rate Unit In fig. In words		6	5	4	w	2	1
Quantity Rate Unit			In words	In fig.			o.
	Αm	Unit	Rate		Quantity	Description of items	è

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

221734.00 4450.00 TWO MONTHS

NAME OF WORK :-Restoration of rain damages on Daulatpur Sunhi Sarotari Kandi road Km 3/000 to 14/400 in Distt. Kangra (H.P.) ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

	TOTAL:-	TO					
	eubic		bic		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.		
-1	Pcr		15.48		Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical	4	
					including carriage of materials within all leads, lifts and other incidentals.		
	metrc		tres	e metres	complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge metres		
	Per		.00	h 28.00	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with	Ç	
					ट्यामबुट म महाराज अमामा वर्ग म्हल्वेड, मार्चड साव विधारा माटावटामवाड.	ļ	
	metre		(ires	metres	nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including		
	cuhic		bie	s Cubic	work up to plinth level 1:5:10 (One cement: Five coarse sand: Ten graded stone aggregate 40 mm (Forty millimetres		
	Per		.34	All 52.34	Providing and laying in position eement concrete of specified grade including the east of centering and shuttering - /	2	
				<u></u>	surplus excavated soils as directed, within any lead nictioning entire carriage of materials within air leads, this and other incidentals.		
	metrc		ters	f meters	ramming of bottoms, lift upto 1.5 in (One point five metre), including getting out the excavated soil and disposal of		
	cuhic		bic	Cubic	exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and		
	Per		.36	30.36	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	_	
7	6	5	}   4	3	2	/	
		In words	In fig.			7°.	
Amount	Unit	Rate	ntity	Quantity	Description of items	s.	
4	apros	111745 (Telecom	720 and 11/735 t	10 11/7	SUB HEAD: - Protection work to existing RCC Hume Pipe cuvetrs by providing Retaining walls at RDs 11/710 to 11/720 and 11/735 to 11/745 (Lecom Dehote)	SUB	
		•	n Distr. Nangra (n.r.)	DIST. 7	WARE OF WORLD Nestoration of fain damages of Dadiation Summarionari Nation for July 2000 to 14,400 in	14/1/1/2	

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

TWO MONTHS

142595.00 2900.00

NAME OF WORK: -- Restoration of rain damages to Govt. I.T.I. Baroh at Sarotari in Distt. Kangra (H.P.).

	TOTAL:-	F-1			
	metre		metres	including carriage of material within all leads, lifts and other incidentals.	
	cubic		Cubic	Clause 1204.3.8, granular material as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge	
	Per		1.44	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification	<b>∞</b>
				all leads, lifts and other incidentals.	
	metre		metres	and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including earriage of materials within	
	running		Running	PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing	
	Per		3.00	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia	7
				lifts and other incidentals.	
	metre		mefres	drawing and HP.PWD teclinical specifications and as directed by Engineer-Incharge including earriage of material within all leads,	
	cubic		Cubic	plinth level 1:5:10 (One cement: Five coarse sand: Ten graded stone aggregate 40 mm (Forty millimetres nominal size) as per	
	Per		3.30	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to	o,
				carriage of materials within all leads, lifts and other incidentals.	
	metre		metres	ground, all complete With cement mortar 1:4 (I eement : 4 fine sand) complete as directed by the Engineer-in-charge including entire	
	square	•	Square	shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping	
	Per	_	8.40	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper	S
				by the Engineer-in-charge.	
	metre	,	metres	as per HPPWD technical specification and within all leads, lifts and other incidentals as per approved drawing, design and as directed	
	cubic		Cubic	plinth level 1:2:4 (One Cement: Two coarse sand: Four graded stone aggregate 20mm (Twenty millimetres) nominal size complete	
	Per		4.33	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to	4
	metre		metres		
	cubic		Cubic	per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental.	
	Per		11.00	Boulder filling dry hand packed under flooring including consolidation complete and as per HPPWD technical specification and as	w
				lifts and other incidentals.	
				drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads,	
			Heacs	compacting each layer by rolling/ramming and watering, all complete as per drawing and direction of Engineer -in - charge as per	
	metre		melrae	filling shall he done with earth having total minimum compacted thickness 30 cm or as decided by Engineer-in-charge, including	
	cubic		Cubic	intermediate layer of compacted earth (Soil density of 98%) after every four layers of compacted depth of fly ash, sides & top layer of	
	Per		460.00	Filling available excavated earth (excluding rock) intrenches or embankment in layers (each layer should not exceed 15 cm), with	2
			Itteters	lead including entire carriage of materials within all leads, lifts and other incidentals.	
	meire			1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any	
	cubic		Cubic	(One point five metre) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto	
	Per		0.90	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m)	1
7	6	4 5	3	2	1
		In fig. In words			No.
Amount	Unit	Rate	Quantity		s.
				SUB HEAD: - Balance work earth filling, plinth protection and repair of plaster etc; (DEPOSIT WORK).	SUB



ESTIMATED COST: -

215179.00

TIME LIMIT

EARNEST MONEY:-

₹ 455.00 TWO MONTHS

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

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194530.00 390**0**.00

TWO MONTHS

NAME OF WORK :-Restoration of rain damages on Daulatpur Sunhi Sarotari Kandi road Km 3/000 to 14/400 in Distt. Kangra (H.P.) ESTIMATED COST: EARNEST MONEY: TIME LIMIT:

					1
metre	,		metres	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.	
running			Running	100 mm dia PVC pipe extending through the full width of the structures with slope of I(V):20(II) towards drawing face. Running	
Per			16.56	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with	S
				materials within all leads, lifts and other incidentals.	
inetre			inetres	stone aggregate 40mm (forty millimeter) nominal size), as directed by the Engineer-Incharge including carriage of	
cubic			Cubic	specifications Clause 802, 803, 1202 & 1203 with cement concrete 1:5:10 (One cement: Five sand: Ten graded/crushed	
Per			48.39	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical	2
				incidentals.	
				surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other	
metre			mcters	rannning of bottoms, lift upto 1.5 in (One point five metre), including getting out the exeavated soil and disposal of	
cubic			Cubic	exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on plan), including dressing of sides and	
Per			29.76	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	_
6	5	4	w	2	-
	In words	In fig.			No.
Unit	Rate		Quantity		ŝ
				SUB HEAD: - Construction of Breast wall at RD 10360 to 10380 Telepon Dapulty	SUB

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

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