#### HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

CONTROL CONTRO

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 03.10.2022 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 01.10.2022 up to 4:00 P.M and the application for issue of tender form shall be received on 30.09.2022up 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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1.	Construction of link road from Ambla Basti and Rahar Basti in G.P. Uperli Manjhetli Km 0/000 to 2/000 in Distt Kangra (HP) (SH:-Construction of wire crates work at RD 0/600 to 0/685).	269769/-	5400/-	Three months
2.	Construction of Strong Room for EVM in Govt. Degree at Nagrota Bagwan in Distt Kangra (HP) (SH:-Construction of Civil work (Deposit work)	256772/-	5150/-	Two months
3.	Construction of link road from Jalot Hardoo Bachhun Lalehar Uperli Kothi road in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/530 to 0/545 & C/O 900mm dia Hume pipe culvert at RD 0/320).	475205/-	9550/-	Three months
4.	Restoration of rain damages on NH to village Ambkhola in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement at RD 0/370 to 0/517).	470895/-	9500/-	Three months
5.	Restoration of rain damages on near Jagdish Chand house at village Lilly in distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/000 to 0/010).	138112/-	2800/-	Three months
6.	Construction of link road from Danoa to Kharat Khas via Drad in Distt Kangra (HP) (SH:-Removal of formation deficiencies at RD 0/800 to 0/900, improvement of road width by providing retaining wall at RD 0/930 to 0/950, C/O road side parapets at various reaches and providing and laying cement concrete pavement road at RD 0/800 to 0/856).	499964/-	10000/-	Three months
7.	Special repair to 500 Bedded Hspital at Dr R.P. Govt. Medical College Tanda in Distt Kangra (HP) (SH:-Providing and fixing aluminium work, prelaminated board and glass panes etc; in Blood bank)	279025/-	5600/-	Three
8	Construction of Assistant Engineer Office at HP PWD Sub-Division Baroh under Division Tanda at Nagrota Bagwan in Distt Kangra (HP) (SH:-Balance civil work including water supply and sanitary installation etc.)	499946/-	10000/-	Three months
9.	Restoration of rain damages on various roads under Baroh Sub-Division HP PWD Baroh in Distt Kangra (HP) (SH:-Repair of pot holes by providing patch work (Radh Section).	499942/-	₩ 0000/-	One month
10	Restoration of rain damages on link road Barialkar to Sanani Km 0/000 to 2/475 in DIstt Kangra (HP) (SH:-Construction of retaining wall at RD 0/303 to 0315).	439414/-	8800/-	Three months
11.	Restoration of rain damages on Nagrota Baldhar Dhaloon road Km 0/000 to 9/500 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 1/795 to 1/801 to 1/808.60 & 1/825 to 1/850).	336709/-	6800/-	Three
12	Construction of 25.00 mtr span foot bridge to connect village Ocha in Distt Kangra (HP) (SH:-Construction of Ocha side approaches).	499996/-	10000/-	Three
13.	Construction of 25.00mtr-span foot bridge to connect village Ocha in Distt Kangra (HP) (SH:-Construction of Sakra Basti side approches0	499940/-	10000/-	Three months
14.	Construction of link road from Ramehar to Tangroti in G.P. Ramehar Km 0/000 to 2/500 in Dlstt Kangra (HP) (Sh:-Construction of retaining wall at various RD's in between Km 0/0000 to 2/000).	480745/-	9800/-	Three months
15.	Construction of link road to village Bhadrehar in Distt Kangra (HP) (SH:- Providing and laying cement concrete pavement at RD 0/000 to 0/170).	493425/-	9900/-	Three months
16	Restoration of rain damages on link road Dola to Bhorna in Distt Kangra (HP) (Deposit work) (SH:-Construction of 2.00 mtr span RCC slab culvert at RD 0/640).	418724/-	8400/-	Three months
17	Jeepable road (Hony capt) Late Sh MadhoRam Shorya Chakkar V.P.O. Upparli Kothi Tehsil Nagrota Bahwan in DIstt Kangra in Distt Kangra (HP) (SH:-Construction of Edge wall at RD 0/010 to 0/025, 0/052 to 0/062, 0/080 to 0/095).	499975/-	10000/-	Three months
18	Restoration of rain damages on various roads under Baroh Sub-Division HP PWD Baroh in Distt Kangra (HP) (SH;-Hiring of JCB Hydraulic Excavator-Cum-Loader for removal of land slide (Radh Section).	249975/-	5000/-	One mont
19	Restoration of rain damages on various roads under Baroh Sub-Division HP PWD Baroh in Distt Kangra (HP) (SH:-Hiring of JCB Hydraulic Excavator-Cum-Loader for removal of land slide (Kandi Section& Sunhi section).	249975/-	5000/-	One mont
20	Restoration of rain damage son link road Nihargalu Bhatti to village Barana Km 0/000 to 4/600 in DisttKangra (HP) (SH:-Construction of retaining wall	220292/-	4450/-	Three

21	Restoration of rain damages on Chhughera Kandi road Km 0/000 to 20/000 in Distt Kangra (HP) (SH:-Protection work existing RCC slab culvert by providing retaining wall at RD 8/885 to 8/892).	261310/-	5250/-	Three months
22	Construction of link road Rajiana to Surani via Churan in Distt Kangra (HP) (SH:-Construction of U-shape drain with edge wall at RD 3/720 to 3/973).	499808/-	10000/-	Three months
23	Restoration of rain damages on Chhughera Kandi road Km 0/000 to 20/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 5/240 to 5/250).	204099/ , , , , , , ,	4100/-	Three months
24.	Construction of link road Rajiana to Surani via Churan in Distt Kangra (HP) (SH:-Construction of vented causeway wirh approaches at RD 3/700 Providing and laying cement concrete Pavement road at RD 3/700 to 3/758).	10000/	10000/-	Three months

#### Terms & Conditions:-

- The contractor/firm should be registered as or dealer GST No.
- 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.
- The Executive Engineer reserves the right to accept/reject any tender/application or all tenders without assigning any reason.
- The Contractor will have to submit affidavit along with application for issue of tender that he has not more than two works in hand.
- 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

Dated/ 20-9-2622

(On behalf of Governor of Himachal Pradesh)

HIMSUCHANA AVAM & JAN SAMPARK

No.PW/NBD/TA/Tender/NIT/2022/ 9724-53 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
- The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the department website.
- 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
- All the Assistant Engineer under this Division.
- 13. The Drawing /Accounts Branch in this office.
- 14. The Contractors concerned.

15. Notice Board.

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

TO TO THE PARTY OF THE

ESTIMATED COST: - ₹ 269769.00 EARNEST MONEY: - ₹ 5400.00 TIME LIMIT : THREE MONTHS

SUB-HEAD :-NAME OF WORK :- Construction of link road from Ambla Basti and Rahar Basti in G.P. Upreli Manjhetli Km 0/000 to 2/000 in Distt. Kangra (H.P.). Construction of Wire Crates work at RD 0/600 to 0/685

	2 Pr wi hu an as in	I E in di di	No. 9
	Providing and laying of boulder apron laid in wire crates with 4nm dia (Four millimeters) GI wire conforming to IS:280 and IS:4826 in 150mm x 150mm (One hundred fifty into One hundred fifty millimeters) mesh (woven diagonally) including 10% (Ten percent) extra for laps and joints laid with stone boulders weighing not less than 25 Kgs (Twenty five kilograms) each as per drawing and technical specifications Clause 1301, as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	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.	rescription of items
	103.25 Cubic meters	28.18 Cubic meters	Quantity
			In fig.
			In words
TOTAL:-	Per cubic metre	Per cubic metre	Unit
			Amount

REAL PROPERTY.

ESTIMATED COST: - Rs. EARNEST MONEY: - Rs.

TIME LIMIT

256772.00 5150.00

TWO MONTHS

SUB-HEAD :-NAME OF WORK :- Construction of Strong Room for EYM in Govt. Degree College at Nagrota Bagwan in Distt. Kangra (H.P.) Construction of Civil work (Deposit Work)

n	Posseriation of items	Oman ditu		Data	Ilmir	A
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-	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (Seven point five) in	8.10			Per-	
	superstructure above plinth level up to floor V level in all shapes and sizes in : Cement inortar 1:6 (One cement :	Cubic			cubic	
•	six coarse sand) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	meters			metre	
2	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (Three hundred into three hundred	40.09	•		Pel	
	millimetres) (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as White. Ivory, Grey, Fume Red Brown, Jaid on 20 mm (Twenty millimetres) thick cement	Square			square	
	mortar 1:4 (One Cement : four Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm (Three point three	meters			monta	
	kilogramme/square metre) including pointing the joints with white cement and matching pigment etc., complete		7-2-1			
ų	Providing and fixing 0.60mm (Zero point sixty milimetres) thick prepainted steel sheet in roofing with hot	58.65			Per	
	dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20	Square			square	
	(Twenty) microns over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) microns over 5 (Five) microns primer coating i/c fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six milimetres) dia	meters			metre	
	metre with prepainted limpet and rubber washers complete with all accesoriees as required complete as directed					
	by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.					
ţ.		263.93			Per	
	as directed by the	Kilogramın			Kilogra	
	Engineer-incharge including carriage of materials within all leads, this and other incidentals,	e			mme	

6.00	6.00
Numbers	Numbers
0.00 Numbers	Numbers
2.00	2.00
Numbers	Numbers
40.00	40.00
Running	Running
metre	metre
7.53	7.53
Square	Square
meters	meters

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

**EARNEST MONEY:-**ESTIMATED COST: -Rs.

475205.00

TIME LIMIT THREE MONTHS

Construction of link road from Jalot Hardoo Bachhun Lulehar Upperli Kothi road in Distt. Kangra (H.P.). DEPOSIT WORK Construction of Retaining wall at RD 0/530 to 0/545 & C/O 900mm dia Hume Pipe culvert at RD 0/320

SUB HEAD :-

NAME OF WORK :-

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		1	S C S E F	S S D	2 = 7 0 =		Ş.	Š
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 20mm (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 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.	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	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 nnm (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.	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
13.98 Cubic metres	1.70 Cubic metres	25.20 Cubic metres	48 Running metre	70.05 Cubic metres	Cubic meters	ئى		Quantity
						4	In fig.	
						S	In words	Rate
Per cubic metre	Per cubic metre	Per cubic metre	Per running metre	Per cubic metre	Per cubic metre	6		Unit
			•			7	,	Amount

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

ESTIMATED COST: - Rs. EARNEST MONEY: - Rs.

470895.00

TIME LIMIT

THREE MONTHS 9500.00

SUB-HEAD :-NAME OF WORK :- Restoration of rain damages on NH to village Ambkhola in Distt. Kangra (H.P.) Providing and laying Cement Concrete Pavement at RD 0/370 to 0/517.

2	mending carriage of m	2 Providing and laying of drawing and technical nominal mix 1:2:4 (Omillimetres) thickness a continuous and the continuous and			
	including carriage of materials within all leads and lifts and other incidentals.	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty homizant technical specification and as directed by the Engineer-Incharge	spreading and compacting stry five millimeter) <b>Grading-II</b> y five millimeter) <b>Grading-II</b> er bound Macadam specificaticking, rolling with three wheel is amber applying and brooming, cominal size at the rate of 0.22 cominal size at the rate of 0.22 cominal size at the rate of o.22 cominal size and binding material at the of coarse aggregate, watering are use No. 405 including carriage ving concrete for plain reinforce nical specification clauses 802, at (One cement: Two sand:	spreading and compacting story five millimeter) Grading-II y five millimeter) Grading-II er bound Macadam specificaticking, rolling with three wheel samber applying and brooming, ominal size at the rate of 0.22 ominal size at the rate of 0.22 ottres) and binding material at the of coarse aggregate, watering are use No. 405 including carriagating concrete for plain reinforcation specification clauses 802, 4 (One cement: Two sand:	spreading and compacting stoy five millimeter) <b>Grading-II</b> y five millimeter) <b>Grading</b> y and binding with three wheel is amber applying and brooming, ominal size at the rate of 0.22 of the stres) and binding material at the of coarse aggregate, watering at use No. 405 including carriag wing concrete for plain reinforced in the property of the plain reinforced in the property of the plain reinforced in the pla
als within all leads and lifts an	ification clauses 802, 803, 12 cement: Two sand: Four gr r HPPWD technical specifica	rete for plain reinforcement	g and compacting stone aggrillimeter) Grading-II size [7] Macadam specification including with three wheel 80-100 (plying and brooming, stone some at the rate of 0.22 cum (zero binding material at the rate 0.0 aggregate, watering and compagregate, watering and compagregate of multiple of plain reinforcement rete for plain reinforcement.	g and compacting stone aggillimeter) Grading-II size [7] Macadam specification including with three wheel 80-100 (plying and brooming, stone soge at the rate of 0.22 cum (zer binding material at the rate 0.0 aggregate, watering and compaggregate, watering and compaggregate of multiple of plain reinforcement rete for plain reinforcement	g and compacting stone aggillimeter) <b>Grading-II</b> size [7] Macadam specification including with three wheel 80-100 (plying and brooming, stone some at the rate of 0.22 cum (zero binding material at the rate 0.00 aggregate, watering and compact of the compact of
echnical specification and a leads and lifts and other in-	reinforcement concrete in ses 802, 803, 1202 and 12		acting stone aggregate of rading-II size [75mm (sere pecification including spreace wheel 80-100 (eighty-Hu coming, stone screening tyof 0.22 cum (zero point twial at the rate 0.06 cum (zero atering and compacting to 1 g carriage of materials w	acting stone aggregate of rading-II size [75mm (see pecification including sprease wheel 80-100 (eighty-Hu coming, stone screening ty of 0.22 cum (zero point twitial at the rate 0.06 cum (zeatering and compacting to 1 g carriage of materials w	acting stone aggregate of rading-II size [75mm (serpecification including sprease wheel 80-100 (eighty-Hurooming, stone screening ty of 0.22 cum (zero point twial at the rate 0.06 cum (zero atering and compacting to the grant grant of materials with the state of th
	drawing and taying concrete for plant former control of plant agree and 1203 PCC Grade (M-20) (M-twenty) drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge includes a specific and other incidentals.	in onen foundation complete a	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) <b>Grading-II</b> 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 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 including carriage of materials within all leads and lifts and other incidental.	of size 63mm to 45mm (sixty seventy five millimeters) comp preading in uniform thickness Hundred) K.N. static roller in stag type-A of size 13.2mm (thirteen twenty two) cubic metres per 10 (zero point zero six cubic metre) o the required density as per tech within all leads and lifts and	f size 63mm to 45mm (sixty seventy five millimeters) comppreading in uniform thickness fundred) K.N. static roller in stag type-A of size 13.2mm (thirteen twenty two) cubic metres per 10 (zero point zero six cubic metre) of the required density as per tech within all leads and lifts and the onen foundation complete a
ate) (M-twenty) (ate) 40mm (Forty) Engineer-Incharge	n complete as per		Smm (sixty three neters) compacted n thickness using roller in stages to mm (thirteen point metres per 10 sqm cubic metre) to fill ity as per technical nd lifts and other	-5mm (sixty three neters) compacted n thickness using roller in stages to mm (thirteen point metres per 10 sqm cubic metre) to fill ty as per technical nd lifts and other	5mm (sixty three neters) compacted n thickness using croller in stages to mm (thirteen point metres per 10 sqm cubic metre) to fill ty as per technical nd lifts and other
, e	-37.86		e 46.80 d Cubic g metres o it n n ll		
				4	In fig.
				S	In words 5
	cubic metre	Per	Per Cubic metres	Per Cubic metres	Per Cubic metres
					7

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

ESTIMATED COST: - Rs. EARNEST MONEY: - Rs.

138112.00 2800.00

TIME LIMIT

THREE MONTHS

SUB-HEAD :-NAME OF WORK: - Restoration of rain damages on near Jagdish Chand house at village Lilly in Distt. Kangra (H.P.) Construction of Retaining wall at RD 0/000 to 0/010.

	4	<i>ω</i>	2 I	7	1	No.
	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 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.	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead and lift, dressing of sides and bottom and back filling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	2	Description of items
	9.72 Cubic metres	12.50 Running metres	26.20 Cubic meters	21.30 Cubic meters	w	Quantity
					4	In fig.
					5	Rate In words
TOTAL: -	Per cubic metre	Per running metre	cubic metre	Per cubic metre	6	Unit
					7	Amount

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

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

various reaches and providing & laying cement concrete pavement road at RD 0/800 tp 0/856 Removal of formation deficiencies at RD 0/800 to 0/900, improvement of road width by providing Retaining wall at RD 0/930 to 0/950, C/O road side parapets at

TIME LIMIT

EARNEST MONEY: -

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499964.00 10000.00

THREE MONTHS

3 Prov and ston	2 Eart inch mate exca dire inch	I Exc incl required dire emb roac anim mac the too.	7	No.	ŝ
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.	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material complete as per drawing and HP.P.W.D technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases.	2		Description of items
63.08 Cubic metres	29.19 Cubic meters	300.00 Cubic meters	w		Quantity
			4	In fig.	
			٠,	In words	Rate
Per cubic metre	Per cubic metre	Per cubic metre	9		Unit
			7		Amount

metres
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3.54
meters
Cubic
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Cubic
13.23
metres
Cubic
22.08
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niefres
Running
33.00

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT

THREE MONTHS

279025.00 5600.00

<u>SUB-HEAD</u> :-NAME OF WORK: -Special Repair to 500 Bedded Hospital at Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P.) Providing and fixing aluminium work, prelaminated board and glass panes etc. in Blood Bank.

S. Zo. ii) 250x10 mm(Two hundred fifty into ten milimetres) nominal size ## | 300x10 rnm size (Three hundred into ten milimetres)nominal size 250x10mm mm stze (two hundred fifty into ten milimetres)nominal stze 200x10mm mm size (Two hundred into ten milimetres)nominal size of material within all leads, lifts and other incidentals. Providing and fixing 300x10mm (Three hundred into ten millimetres) aluminium tower bolts (berrel type) anodized trans Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber I parent or dyed to required shade and colour with screws etc. complete as per direction Engineer-In-charge including carriage necessary screws etc. completed including entire carriage of materials within all leads, lifts and other incidentals less than 12.50 kg/ sqm) complete as directed by the Engineer-in-charge including entire carriage of materials within all snap beading shall be paid in basic item). With float glass panes of 5.5 mm (Fiv epoint five millimetre) thickness (weight not neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium lifts and other incidentals complete as per architectural drawings and as directed by the Engineer- Incharge, including carriage of materials within all leads Providing and fixing anodised / colour coated aluminium work for door, windows, ventilators and partitions with extruded built up including carriage of materials within all leads, lifts and other incidentals Providing and fixing anodised /colour coated aluminium work for door, windows, ventilators and partitions with extruded built up required including the cost of PVC/ncoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or windows & ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where even shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or vertifations and glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer- Incharge, PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically where ever required standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required Kilograms including cleast angle, aluminium, snap beading for glazinge/ panelling C.P. brass/stainless steel screws for doors windows and PVC/neoprene felt etc. Aluminium sections shall be smooth, rustfree, straight, mitted and jointed mechanically where ever required with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required Kilograms ncluding cleast angle, aluminium, snap beading for glazinge/ panelling C.P. brass/stainless steel screws for shutters of doors Description of items Number. ZLINIBOL Numbers 378.60 Quantity Numbers 13.07 Square 7.00 ö 5 2.00 gf\_nT Rate In words Per kilo (Sact) square Per kilo Batch Each gram gram Each metre Unit Per Amount

1	TOTAL:-	T			Ŕ	
	square meter		Square metres	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 including rubbing, polishing and moulding in single or double layer complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.		
	Per		2.40	Providing and laying 15 to 20mm (Fifteen to Twenty millimeters) thick granite stone in flooring 20mm (Twenty	13	T
	metre		metres	within all leads, lifts and other incidentals.		
	square		Square	cement of mix: 1:4 (1 cement: 4 fine sand) complete as per direction Engineer-In-charge including carriage of material	;	
	Per		26.10	15 mm (Fifteen millimetres) cement plaster on rough side of single or half brick wall finished with a floating coat of neat	12	
			mene	complete as per unection engineer-in-charge including carriage of material within an teaus, into and other includinate.		
	meters		Cubic	up to plinth level 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm (1 wenty millimetres) nominal size)	B	
	Per cubic		1.06	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work	11	
	metre		metres	Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.		
	square		Square	superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand) complete as per direction		
	Per		12.50	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (Seven point five) in	10	F
				including carriage of material within all leads, lifts and other incidentals.		
				charge. Pre-laminated particle board with decorative lamination on both sides complete as per direction Engineer-In-charge		
	metre		metres	frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-		
	square		Square	particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition		
	Per		20.04	Providing and fixing 12mm (Tweley milimetres) thick prelaminated particle board flat pressed three layer or graded wood	9	1
				0 0		
	Laci		Numbers	etc. complete as ner direction Engineer-In-charge including carriage of material within all leads. lifts and other incidentals.	0	
	Fach		300	Draviding and fiving 150 mm (One hundred fifty M.C. double acting enring hinges bright finished with necessary screws		1
				and other incidentals.		7
			Numbers	er to suit switter thickness complete as ner direction Engineer including carriage of material within all leads lifts		
	Each		3.00	Providing and fixing 100mm (One hundred millimetres) bright finished brass floor door stonner with rubber cushion screws	7	T
			Numbers		,	
	Each		2	100mm (One hundred millimetres)	<b>(ii)</b>	
			Numbers		,	
	Each		2	i) 125mm (One hundred twenty five millimetres)	ت	1
				complete as per direction Engineer-in-charge including carriage of material within all leads, this and other incidentals.		
				Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc.	6	
						1

Executive Ergineer
HP PWD Division
Tanda at N/Bagwan.

Construction of Assistant Engineer Office at HP.PWD. Sub-Division Baroh under Division Tanda at Nagrota Bhagwan in Distt. Kangra (H.P) TIME LIMIT

ESTIMATED COST: EARNEST MONEY: -

\$ 25

10000.00

THREE MONTHS

VAME OF

Z SUB HEAD: -DC3 2 Providing and laying Antiskid Ceramic floor tiles of size 300x300 nm (thickness to be specified by the manufacturer) of 1st quality Providing and fixing colour coated landdised aluminium work for door (External door NO 14081 Size 127 x 44.45 x 3.19mm), window, in-Charge including carriage of material within all leads, lifts and other incidentals for separately) complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer within all leads, lifts and other incidentals. Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than Brick work using Second class common burnt clay buildings bricks in super-structure above plinth level upto all floor level in cement mechanically where ever required including cleast angle, aluminium, snap beading for glazinge/panelling C.P. brass/stainless steel bottom and sides with required PYC/neoprene felt etc. Aluminum sections shall be smooth rustfree, straight, mitted and jointed ventilators and partitions frame with extruded built up standard tubular and other sections of approved make conforming to IS 733 and drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. fixing of fittingswhere ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid screws. All complete as per architectural drawings and the directions of Engineer-In-Charge. For doors windows, ventilatiors and glazed rawiplugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with directed by the Engineer-in-Charge. Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye complete as per approved conforming to IS: 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar partitions frames. For shutters of doors windows &ventilators including providing and fixing hinges/pivots and making provisions for matching shade including rubbing, curing, polishing and moulding etc; in single/double layer etc; all complete as specified and as 1:4 (1 centent : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortan and matching pigment etc., complete as per approved drawing, design and specifications and as per directions and entire satisfaction of entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals mortar 1:6 (one coment isto six sand) and curing complete as per approved drawing, design and specifications and as per directions and pigments etc., complete as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other Four coarse sand, jointing with grey cement shurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick coment mortar 1:4 (One content : 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/Square metres including pointing the joints with white coment Balance civil work including water supply and sanitary installation etc: Description of items Quantity Square grants 82.75 Square 28.02 Square metres metres Cubic Kilo 1.80 ₹8.20 metres 2.39 in fig. Rate In words Per square Per square Per square Per cubic Per Kilo netre metre metre ST. Amount

								* .			•
21	20	19	18			- 5	- 14	13	(ii)		~~~
21 Providing and fixing blinds for windows etc. complete as per approved drawing, design and specifications and as per directions and centire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	20 Providing and fixing Stainless steel Curtain roads with brackets etc. complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.  R	Finishing walls with fine dune textured exterior paint of required shade at New work (Two or more coats applied @ for external plaster 3 are for height upto 3.28 ltr/10 Square metres) over and including priming coat of exterior primer applied @ 2.20kg/10 Square metres, all complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.		Steel work welded in built up sections in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works complete and applying a coat of approved steel primer after pretreatment of the surface complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.			Providing and fixing oxidized 200mm size hooks and eyes complete in all respect as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other Nincidentals.	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour and shade, with necessary screws etc; complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	100 mm size		or tyech to required colour or shade, with necessary screws etc; complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.
26.40 Square	20.00 Running metres	306.00 Square metres	306,00 Square metres	Kilo grams	35.00 Running metres	Kilo Kilo	Numbers	Numbers	Numbers Numbers	4 Numbers	
Per square metre	Per Running metres	Per square metre	Per square metre	Per kilo grain	Per Running metre	Per kilo gram	Each	Each	Each	Each	
are	<u>ू</u>	are	arc arc	1 6	# ## P	3 lio	<b>3</b>		7	7	

Each	Ę	Number	Providing and fixing 15mm diameters C.P. brass. (Heavy duty makes ISI marked is Number 8931 & 8934) bib tap with capstan head complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	39
Each	Ea	Numbers.		
Each	Ea	Number		
Each	Ea	Number	36 Providing and fixing wash easin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	36
Each		l Number	Providing and fixing 15mm nominal bore PVC connection pipe with brass union 45cm length complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	35
Each .	E.a.	2 Numbers.	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required 610x510 mm bowl depth 200 complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	34
Ench	En	Number	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eureopean type W.C. of quality and make complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	33
Each	. Ea	1 Number	32 Providing and fixing P.V.C. low level flushing eistern 10 litre capacity - White with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	32
Each	Ea	Number	Providing and fixing white vitreous china padestal type wall hang water closet (European type WC pan) with seat and lid, with all fittings and fixtures complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	31
Each	Fa	4 Numbers	11) 75mm dia	11)
Each	Ea	Numbers	9 110mm dia	2
			30 Providing and fixing PVC collors, ISI marked including fixing with approved adhesive etc. complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	30

specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts Numbers, and other incidentals.
Providing and fixing Door floor spring machine complete in door shutters etc. complete as per approved drawing, design and
trap complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.
Providing and fixing 100mm diametres C.P. grating (Heavy duty makes ISI marked is Number 8931 & 8934) for gully floor or Nahni
within all leads, lifts and other incidentals.
44 Providing and fixing 32mm diameters P.V.C. waste pipe for wash basin or sink including brass check nut complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material
43 Providing and fixing 32mm diameters M.I. union for wash basin or sink complete as per approved drawing, design and specifications and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other
complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge Numbers, including carriage of material within all leads, lifts and other incidentals.
42 Providing and fixing 32mm nominal size diameters rubber plug for wash basin (Heavy duty makes ISI marked is Number 8931 7893)
ii) 15mm nominal bore/ dia
i) 20mm nominal bore/ dia
41 Providing and fixing G.I. pipes complete with G.I. Fittings and clamps i/c cutting and making good the walls etc. complete as per approved drawing, design and specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.
as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other Numbers incidentals.
40 Providing and fixing 15mm diameters brass angle valve without hits complete as per approved drawing, design and specifications and

Executive Engineer,
H.P.P.W.D., Division,
Tanda at Naglota Bagwatt.

ESTIMATED COST: -Rs. EARNEST MONEY: -Rs.

TIME LIMIT

ONE MONTH 499942.00 10000.00

SUB HEAD: -NAME OF WORK:-Restoration of rain damages on various roads under Baroh Sub-Division, H.P.P.W.D., Baroh in Distt Kangra (H.P.). Repair of pot holes by providing patch work (Radh Section).

	Ç :	2 Re	)	1	Car	, Mi		IVO.	N.
	Charge including carriage of materials within all leads and lifts and other incidental.  Meters	2 Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat,		CHALLIAGE VI IIIAIVITAIS WITHITI AT ICAUS AUG IIIIS AIIG OUTET INCIGENTAL.	cages and ravening as per technical specification Clause 1906 as per direction of Engineer-in-Charge including Square	Maintenance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged	2		Description
	Square meters	1620.80		meters	Square	33.47	w		Quantity
							4	In fig.	
\							5	in words	Rate
TOTAL	square metre	Per		metre	square	Per	6		Unit

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

Rs. 439414.00 8800.00

ESTIMATED COST: - EARNEST MONEY: -TIME LIMIT

THREE MONTHS

SUB HEAD : -NAME OF WORK :-Restoration of rain damages on link road Barialkar to Sanani Km 0/000 to 2/475 in Distt. Kangra (H.P.). Construction of Retaining wall at RD 0/303 to 0/315

	TOTAL:-						
	metre		es	metres	within all leads, lifts and other incidentals.		
	cubic		ic	Cubic	specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials		
	Per		8	18.18	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical	4	
	Illoud		g	metres	within all leads, lifts and other incidentals.		
	running		ing		wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with		
	Per		5	58.15	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing	w	
	metre		es c	metres	and shuttering - All work up to plant level 1:3:10 (One center): Five coarse said: Tell 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.		
	Per		15	150	Providing and laying in position cement concrete of specified grade including the cost of centering	2	
	metre		3 6	Cubic meters	including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.		
	Per		5	18.15	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1	1	
7	6	5	4	w	2	1	
		In words	In fig.			No.	
Amount	Unit	Rate	tity	Quantity	Description of items	s.	

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

Tanda at Nagrota Bagwan.

ESTIMATED COST: - Rs.
EARNEST MONEY: - Rs.
TIME LIMIT:

336709.00 6800.00

THREE MONTHS

SUB-HEAD :-NAME OF WORK: - Restoration of Rain damages on Nagrota Baldhar Dhaloon road Km 0/000 to 9/500 in Distt. Kangra (H.P.) Construction of Retaining wall at RD 1/795 to 1/801, 1/801 to 1/808.60 & 1/825 to 1/850.

	TOTAL: -			,		
	Per cubic metre			13.44 Cubic metres	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	4
	Per running metre			38.15 Running metres	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	w
	Per · cubic metre			83.57 Cubic meters	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 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 metre			25.91 Cubic meters	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead and lift, dressing of sides and bottom and back filling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	,
7	6	5	4	3	2	1
Amount	Unit	Rate In words	In fig.	Quantity	Description of items	No.

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

SUB-HEAD :-

NAME OF WORK: - Construction of 25.00 mtr. Span Foot Bridge to connect village Ocha in Distt. Kangra (H.P.)

Construction of Ocha side approaches.

ESTIMATED COST: - Rs. EARNEST MONEY: - Rs.

THREE MONTHS

499996.00 10000.00

TIME LIMIT

	En	dra	wit	3 Pro	Ch	En	mi	30:	em	2 Ex	of ı	sto	tec	1 Pro	1	No.	s.
	Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the	with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall	Charge including entire carriage of materials within all leads, lifts and other incidentals.	Engineer-in-Charge after necessary watering so as to achieve the required density as directed by the Engineer-in-	millimeters) compacted thickness. The compaction shall be done with suitable equipment approved by the	305.3.9 filling shall be done with approved material in layers not exceeding 150mm (One hundred fifty	embankments, back filling in foundation trances and pipe culverts etcetera as per technical specification Clauses	Excavation in earth work in all classification of soil for filling in for marshy soil, for the purpose of making	of materials within all leads, lifts and other incidentals.	stone aggregate 40mm (forty millimeter) nominal size) as directed by the Engineer-Incharge including carriage	technical specifications Clause 802, 803, 1202 & 1203 1:5:10 (One cement: Five sand : Ten graded/crushed	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and	2		Description of items
			metres						Cubic	290.66		Hickers	Cubic	120.62	w		Quantity
Action in the second se															4	In fig.	
															5	In words	Rate
			metre	Per					metre	Per		mone	cubic	Per	6		Unit
															7		Amount

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

NAME OF WORK :-Construction of 25.00 mtr. Span Foot Bridge to connect village Ocha in Distt. Kangra (H.P.)

No.

SUB-HEAD : -

Construction of Sakra Basti side approaches

EARNEST MONEY: - Rs.

ESTIMATED COST: - Rs.

499940.00 10000.00

TIME LIMIT

THREE MONTHS

Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and of materials within all leads, lifts and other incidentals. stone aggregate 40mm (forty millimeter) nominal size) as directed by the Engineer-Incharge including carriage technical specifications Clause 802, 803, 1202 & 1203 1:5:10 (One cement: Five sand : Ten graded/crushed Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall embankments, back filling in foundation trances and pipe culverts etcetera as per technical specification Clauses Excavation in earth work in all classification of soil for filling in for marshy soil, for the purpose of making Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards Charge including entire carriage of materials within all leads, lifts and other incidentals Engineer-in-Charge after necessary watering so as to achieve the required density as directed by the Engineer-inmillimeters) compacted thickness. The compaction shall be done with suitable equipment approved by the 305.3.9 filling shall be done with approved material in layers not exceeding 150mm (One hundred fifty Description of items Quantity metres Running 289.90 78.15 meters Cubic meters Cubic 121.05 In fig. Rate In words TOTAL: running metre cubic metre metre cubic Unit Per Per Per Amount

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

ESTIMATED COST: - Rs. EARNEST MONEY: - Rs.

480745.00 **9**800.00

THREE MONTHS

TIME LIMIT :

NAME OF WORK: - Construction of link road from Ramehar to Tangroti in G.P. Ramehar Km 0/000 to 2/500 in Distt. Kangra (H.P.)

SUB-HEAD : -

Construction of Retaining wall at various RD's in between Km 0/000 to 2/000.

				TOTAL
Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	nical 42.30 harge Cubic metres			
Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of I(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	wall 63.00 vards Running y the metre			
Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 1:5:10 (One cement: Five sand: Ten graded/crushed stone aggregate 40mm (forty millimeter) nominal size) including shuttering as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	s and 88.85 ushed Cubic harge metres			
Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any lead and lift, dressing of sides and bottom and back filling in trenches with excavated suitable material complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	setting 80.10 to any Cubic nplete meters age of	7 117 119	7 117 119	7 117 119
	w	3 4	3 4 5	3 4 5 6
	Quantity	In fig.		In fig. Rat

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

EARNEST MONEY: - Rs. ESTIMATED COST: - Rs.

493425.00 9900.00

TIME LIMIT

SUB-HEAD :-

NAME OF WORK: - Construction of link road to village Bhadrehar in Distt. Kangra (H.P.)

Providing and laying Cement Concrete Pavement at RD 0/000 to 0/170.

THREE MONTHS

1	2	,	1	No.
	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) <b>Grading-II</b> 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.	2	Description of items
	76.50 Cubic meters	38.25 Cubic metres	3	Quantity
			4	In fig.
			5	In words
TOTAL: -	Per cubic metre	Per Cubic metres	6	Unit
			7	Amount

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

EARNEST MONEY: - Rs. ESTIMATED COST: - Rs.

418724.00 8400.00

TIME LIMIT

SUB-HEAD :-

NAME OF WORK :-

Restoration of rain damages on link road Dola to Bhorna in Distt. Kangra (H.P.) (Deposit Work)

Construction 2.00 mtr. Span RCC slab culvert at RD 0/640

THREE MONTHS

·.8	Description of items	Quantity		Rate	Unit	Amount
No.			In fig.	In words		
Į	2	ψ,	4	5	6	7
						-
1	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting	37.89			Per	
	out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto any	Cubic			metre	
	lead and lift, dressing of sides and bottom and back filling in trenches with excavated suitable material complete					
	as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of					
	material within all leads, lifts and other incidentals.				•	
2	Providing and laying concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded	3.81			Per	
	broken/crushed stone aggregate 40mm (Forty millimeters) nominal size in open foundations complete as per	meters			metre	
	drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) including entire					
	carriage of materials within all leads an d lifts and other incidentals.		:			
رب	Providing and laying Plain/reinforced cement concrete PCC Grade M-15(Fifiteen) 1:2.5:5 (one cement: two	62.20 Cubic			Per cubic	
	point five sand : five graded crushed stone aggregate 20mm (twenty milimetre) nominal size in substructure	metres			metre	
	and curing complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204					
	as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.					
+	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and	0.90			Per	
_	technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One	Cubic meters			metre	
	cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD					
	technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads					
	and lifts and other incidentals.					

and placing in position complete in all respect including cost of binding wire upto any height and as per	M.O.R.D. technical specifications Clause 1002, 1010 and 1202 including cutting, bending, binding, strain	Supplying fitting and placing HYSD bar reinforcement (Fe 415) in sub-structure complete as per drav	on rubble stone laid in cement more	crete bedding complete as per dra	viding and laying rubble stone	and direction of Enginee-in-Charge	and including carriage of n	orm work and curing comp	ving and M.O.R.D. technic	grams) per cubic metre wi	graded crushed stone a	of structure using cemer	and raying and raying involuntedly make and violated eventored collecte of otherwise in order-otherwise for an
position complete in all respect including cos	iical specifications Clause 1002, 1010 :	g and placing HYSD bar reinfo	stone laid in cement more	ng complete as per dra	laying rubble stone	Enginee-in-Charg	ng carriage of n	nd curing comp	O.R.D. technic	ubic metre wi	ished stone a	using cemer	ajuig media
plete in all respect including cos	cations Clause 1002, 1010:	ng HYSD bar reinfo	n cement more	as per dra	e stone	-Char	of n	duik	nic	≦.	52	CD	2
respect including cos	ıse 1002, 1010 :	par reinfo	a lorg		flo	ge.	nateria	lete but	al speci	th 20mm	ggregate)	nt concrete	
luding cos	010	7 3	ar 1:5 (	twing and	oring laid		ls within al	excluding	fication for	(Twenty n	designed n	grade M-	The state of the state of
	and 12	cement (Fe	One cemen	M.O.R.D.	in cement		l leads, lift	the cost of	Rural Roa	nilimetres)	nix with ce	25 (M-Twe	
of binding	02 includir	415) in su	faction and	technical s	mortar 1:3		s and othe	reinforcen	ds Clause 8	nominal s	ment conte	enty five) I	
wire upto	ng cutting,	ıb-structure	na) incluai	pecificatio	(One cerr		r incidenta	nent for rei	300, 1205.4	ize graded	ents not les	:1.5:3 (one	
any height	bending, b	complete	ng carriago	ns as per	nent : three		ls as per th	nforced co	4 and 1205	crushed st	s than 400	cement :	
and as per	inding, stra	as per dra	er-in-Charg	Rural Road	sand) ove		1e entire sa	ncrete wor	.5 includin	one aggreg	Kgs (Fou	one point f	**************************************
direction	ghtening	wing and	als within	ds Clause	er cement		ntisfaction	k in deck	g the cost	ate as per	r hundred	ive sand:	The second second second
	e	549.00		metres	2.10 Cubic							Cubic	
	mme	Per		metre	Per cubic							cubic	
a and the and attack the analysis of the analy		ightening e direction	wing and 549.00 Kilogramm ghtening e direction	e. wing and 549.00 Kilogramm ghtening e direction	ls within  e.  Wing and S49.00  Kilogramm e  direction	r cement 2.10 Cubic s Clause metres lls within e. e. Wing and 549.00 Kilogramm ghtening e direction	r cement 2.10 Cubic s Clause metres lls within e. e. Wing and 549.00 Kilogramm ghtening e direction	r cement 2.10 Cubic s Clause metres lls within e. e. kilogramm ghtening e direction	tisfaction  tisfaction  r cement 2.10 Cubic s Clause metres ls within ls wing and 549.00 Kilogramm ghtening e  direction	the cost  in deck tisfaction  rement 2.10 Cubic Sclause metres Is within ls within Rilogramm ghtening e  direction	the cost tisfaction tisfaction r cement 2.10 Cubic s Clause metres lls within e. e. Kilogramm ghtening e direction	hundred  Ite as per  Ithe cost  It in deck  Itisfaction  Trement 2.10  Cubic  Sclause metres  Its within  Le.  Wing and 549.00  Kilogramm  Ightening e  direction	Cubic meters  2.10 Cubic metres  849.00 Kilogramm e

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

ESTIMATED COST:- ₹

EARNEST MONEY:- ₹

EARNEST MONEY:- ₹
TIME LIMIT:-

- ₹ 249975.00 - ₹ 5000.00 ONE MONTH

NAME OF WORK: -Hiring of JCB Hydraulic Excavator-cum-loader for removal of land slide slips (Radh Section) Restoration of rain damages on various roads under Baroh Sub-Division, HPPWD Baroh in Distt. Kangra (H.P.)

				within all leads, lifts and other incidentals.	Y
3				specifications, as directed by the Engineer-Incharge including carriage of materials	
				in tipper/truck and disposal of all excavated earth as per H.P.P.W.D. technical	
				payment, earth cutting/removal of land slide slipes in all kind of soil including loading	
				responsibility of the contractor only. Actual working hour will be accounted for the	
				own risk. Shifting machinery from one place to other place will be abdolute	
				repair/breakage during operation will be carried out by the contractor/owner at his	
				area including cost of fuel, oil lubricants and wages of operating staff, any	
Hour			Hours	bucket capacity for formation cutting embankment/ removal of land slide slips in hilly Hours	
Per			275.00	I Hiring of hydraulic excavator with front end loader and 1.00 cum (One cubic metre) 275.00	I
	5	4	3	2	I
	In Words	In fig			No.
Unit	Rate		Quantity	Description of items	S

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

ESTIMATED COST: - Rs.

499975.00

EARNEST MONEY: - Rs.

:- Rs.

TIME LIMIT :

: THREE MONTHS

Construction of Edge wall at RD 0/010 to 0/025, 0/052 to 0/062, 0/080 to 0/095.

NAME OF WORK :- Jeepable road (Hony Capt) Late Sh. Madho Ram Shorya Chakkar VPO Upparli Kothi Tehsil Nagrota Bagwan in Distt. Kangra (H.P.)

SUB-HEAD :-

· TOTAL: -		•
Per cubic metre	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) Cubic nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty meters 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.	6
Per Cubic metres	proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) and binding material at the rate 0.06 cum (zero point twenty two) cubic metres) and binding material at the rate 0.06 cum (zero point zero six cubic metres) to fill specifications clause No. 405 including carriage of materials within all leads and lifts and other including carriage of materials within all leads and lifts and other caps.	5

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

ESTIMATED COST: -

Restoration of rain damages on various roads under Baroh Sub-Division, HPPWD Baroh in Distt. Kangra (H.P.) **EARNEST MONEY:-**TIME LIMIT : -ONE MONTH 249975.00 5000.00

SUB HEAD: -NAME OF WORK: -Hiring of JCB Hydraulic Excavator-cum-loader for removal of land slide slips (Kandi & Sunhi Section)

lace will be abdolute Il be accounted for the If soil including loading H.P.P.W.D. technical g carriage of materials	responsibility of the contractor only. Actual working hour will be accounted for the payment, earth cutting/removal of land slide slipes in all kind of soil including loading in tipper/truck and disposal of all excavated earth as per H.P.P.W.D. technical specifications, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.
lace will be abdolute Il be accounted for the If soil including loading H.P.P.W.D. technical g carriage of materials	responsibility of the contractor only. Actual working hour will be accoupayment, earth cutting/removal of land slide slipes in all kind of soil including tipper/truck and disposal of all excavated earth as per H.P.P.W.I. specifications, as directed by the Engineer-Incharge including carriage
lace will be abdolute If he accounted for the foil including loading H.P.P.W.D. technical	responsibility of the contractor only. Actual working hour will be accoupayment, earth cutting/removal of land slide slipes in all kind of soil including tipper/truck and disposal of all excavated earth as per H.P.P.W.I.
lace will be abdolute If soil including loading	responsibility of the contractor only. Actual working hour will be accoupayment, earth cutting/removal of land slide slipes in all kind of soil includes the contractor only.
lace will be abdolute  If the accounted for the	responsibility of the contractor only. Actual working hour will be account
lace will be abdolute	
COHUNCION/OWNER At HIS	own risk. Shifting machinery from one place to other place will be abdolute
Operturation of the	repair/breakage during operation will be carried out by the contractor/owner at his
f operating staff, any	area including cost of fuel, oil lubricants and wages of operating staff, any
Fland slide slips in hilly Hours Hour	bucket capacity for formation cutting embankment/ removal of land slide slips in hilly Hours
	I Hiring of hydraulic excavator with front end loader and 1.00 cum (One cubic metre) 275.00
3 4 5 6 7	1 2
In fig In Words	No.
Quantity Rate Unit Amount	S. Description of items

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

ESTIMATED COST: - Rs. 220292.00
EARNEST MONEY: - Rs. 4450.00
TIME LIMIT : THREE MONTHS

NAME OF WORK: - Restoration of rain damages on link road Nihargalu Bhatti to Village Barana Km 0/000 to 4/600 in Distt. Kangra (H.P.).

SUB HEAD: - Construction of Retaining wall at RD 4/015 to 4/030 (Length 15.00 mtrs Ht. 2.44).

	IUIAL:-	\			
	17.77			including carriage of materials within an icans, into any viter metabolisms.	
	mond		metres	operations of the control of the con	
	the fire		Cubic	specification Clause 1204.3.8, granular material complete as directed by the Engineer-incharge	
	cubic		1	Backfilling behind abutment, wing wall and return wall complete as per drawings and common	4
	Per		85 74	Allibra and factorial	
				within all leads, lifts and other incidentals.	
				clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge distances contact of the contact	
		-		Slope of it v j. 20(II) when a many in the land inclination carries of materials	
				of 1/1/20/Th towards drawing face complete as per drawing and technical specifications	
			LAUDIOCES	wall, return wall with 100 mm dia PVC pipe extending through the full width of the succures with	
			Mumhare	Providing weepholes in other massacrations are constituted and the contract with	<u>.</u>
			]4	handle in brick masonry/stone masonry plain/reinforced concrete abutment, wing	-
	Fach			of material within all leads, lifts and other incidentals.	_
				drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage	
			firencs.	Five sand: Ten graded/crushed stone aggregate 4011111 (1011) strinted including carriage	_
	metre		mairec	and recinitions specifications of the second of the second	
	40.0		Cubic	table of the first control of the co	,
	Cubic		C+.74	Providing and laying concrete for plain/reinforced concrete in open foundations complete as per drawings	3
	Per		27 CF		
	<u> </u>				
				any lead including entire carriage of maternals within all leads, lifts and other includings.	100
				including gening out the excavated son and ordered to surprise and including	_
				pant, menual Seconds of and disposal of surplus excavated soils as directed, within	,
			meters	lon) including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre).	<u>, -</u> ,
	n) of To		Cubic	or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (I'en square metre) on	<u></u>
	cubic			Excavation work by mechanical means (Hydraunic excavation) manual means in xvinvarion in the control of the con	~
	Per		17.91	are 11.	-
	0	4	سا	2	ء ا
7	\ \ \	211 ) 18.			Z. 5
		In fig In words	,	Description of news	Ś
Amount	Unit	Rate	Ouantity	OUB TEACH.	1 000
	-		.44).	Construction of Retaining wall at RD 4/015 to 4/030 (Length 15.00 mtrs Ht. 2.44)	01.10

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

TIME LIMIT **EARNEST MONEY:-**ESTIMATED COST: -Rs.

261310.00 5250.00

THREE MONTHS

NAME OF WORK :-Restoration of rain damages on Chhughera Kandi road Km 0/000 to 20/000 in Distt. Kangra (H.P.) Protection work to existing R.C.C. slab culvert by providing retaining wall at RD 8/885 to 8/892

In fig.		TOTAL:-					
In fig.   In words		metre			metres	including carriage of materials within all leads, lifts and other incidentals.	
In fig.   In words		cubic			Cubic	specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge	
The fig. In words  3 4 5 6  18.48  Cubic meters  65.57  Cubic metres  618.15  Running metre  In words  A 5 6  Per cubic metre  Per cubic metre  Per cubic metre  Per running metre		Per			11.51	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical	4
In fig.   In words   6						within all leads, lifts and other incidentals.	
In fig.   In words						clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials	•
In fig.   In words		metre			metres	slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications	10
In fig.   In words		running			Running	wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with	
The fig. In words  3 4 5 6  18.48  Cubic meters metre  65.57  Cubic metre  65.57  Cubic metre  65.57  Cubic metre  65.57		Per			18.15	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing	<u></u>
The fig. In words  3 4 5 6  18.48 Per Cubic metre metre  65.57 Cubic metres  65.57 Per Cubic metre  65.57 Per Cubic metre						lifts and other incidentals.	
In fig.   In words   6						specifications and as directed by Engineer-Incharge including carriage of material within all leads,	
In fig.   In words		metre			metres	stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical	10
In fig.   In words		cubic			Cubic	and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded	-
In fig.   In words   6   18.48   6   Cubic meters		Per			65.57	Providing and laying in position cement concrete of specified grade including the cost of centering	2
In fig. In words  3 4 5 6  ion trenches 18.48 re metre) on Cubic five metre), meters eted, within							
ion trenches 18.48 ion trenches 18.48 ion trenches 18.48 ion trenches 18.48 cted, within			•			any lead including entire carriage of materials within all leads, lifts and other incidentals.	
In fig.   In words   6				V V V V V V V V V V V V V V V V V V V		including getting out the excavated soil and disposal of surplus excavated soils as directed, within	-
In fig.   In words   6   18.48   Per   Cubic   Cubic		metre			meters	plan), including diessing of sides and ramming of bottoms, intrupto 1.5 m (One point rive metre),	
18.48 In Fig. In words  In Fig. In words  5 6 Per		cubic			Cubic	or drains (not exceeding 1.5m (One point live metre) in width or 10 sqm (1en square metre) on	
In fig. In words  3 4 5 6		Per			18.48	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches	1
In fig. In words	7	6	5	4	w	2	1
Cuantity			In words	In fig.			No.
Onantity Bata IInit	Amount	Unit	Rate		Quantity	Description of items	S

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

ESTIMATED COST: - EARNEST MONEY: -

Rs.

499808.00 10000.00

THREE MONTHS

TIME LIMIT

NAME OF WORK :-SUB HEAD :-Construction of link road Rajiana to Surani via Churan in Distt. Kangra (H.P.)

Construction of U-Shane drain with edge wall at RD 3/720 to 3/973

E a S	77			Running ru metres .
_	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing 25.44			
5:	technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	A COL	A COL	A COL
	and shuttering plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone Cubic			Cubic
=	Providing and laying in position cement concrete of specified grade including the cost of centering 107.82			107.82
				THE REPORT OF THE PERSON OF TH
	plan), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and rainming of bottoms, lift upto 1.5 m (One point five metre), including dressing dressin			
	or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on Cubic			
	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches 147.12			
	3			
		In fig.	In fig. In words	
	Quantity	Quantity	Quantity Rate	

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

TIME LIMIT **EARNEST MONEY: -**ESTIMATED COST: -Rs. 204099.00 4100.00 THREE MONTHS

NAME OF WORK :-SUB HEAD :-Restoration of rain damages on Chhughera Kandi road Km 0/000 to 20/000 in Distt. Kangra (H.P.)

metre			metres	including carriage of materials within all leads, lifts and other incidentals.	
cubic			Cubic	specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge	
Per			24.00	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical	4
			#	within all leads, lifts and other incidentals.	
				clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials	
metre			metres	slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications	
running			Running	wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with	
Per			24.00	Providing weepholes in brick masomy/stone masomy, plain/reinforced concrete abutment, wing	w
				lifts and other incidentals.	
				specifications and as directed by Engineer-Incharge including carriage of material within all leads,	
metre			metres	stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical	
cubic			Cubic	and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded	
Per			47.54	Providing and laying in position cement concrete of specified grade including the cost of centering	2
				any lead including entire carriage of materials within all leads, lifts and other incidentals.	
				including getting out the excavated soil and disposal of surplus excavated soils as directed, within	
metre			meters	plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre),	
cubic			Cubic	or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on	
Per			19.20	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches	I
6	5	4	w	2	1
	In words	In fig.			No.
Unit	Rate		Quantity	Description of items	Š
				0	1

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

Construction of link road Rajiana to Surani via Churan in Distt. Kangra (H.P.)

TIME LIMIT

**EARNEST MONEY:-**ESTIMATED COST: -

**7**5.

498559.00 10000.00

THREE MONTHS

SUB HEAD :-NAME OF WORK :-Construction of vented causeway with approaches at RD 3/700, Providing and laying cement concrete pavement road at RD 3/700 to 3/758

K	Coustination of remed chasens, with approximent and at the all the remember to the contract to a straight and at the all and a	Stella Serie	TIC CORCI CIC	pavement road at N. 3	700 10 37 730
Ś	Description of items	Quantity		Rate	Unit
Z <sub>o</sub> .			In sig.	In words	
1	2	ડડ	4	5	6
~	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches	35.33			Per
	or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on	Cubic			cubic
4	plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre),	meters			metre
	any lead including entire carriage of materials within all leads, lifts and other incidentals.				
2	Providing and laying in position cement concrete of specified grade including the cost of centering and	9.18			Per
	shuttering plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate 20	Cubic			cubic
	and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other	metres			metre
	incidentals.				
3	Providing concrete for plain/reinforced concrete in substructure complete as per drawings and	12.25	:		Per
	technical specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement: Two and half sand:	Cubic			cubic
	five graded) broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M	metres			metre
	leads, lifts and other incidentals.				
4	Providing and laying non-pressure NP2 class R.C.C. hume pipes 900mm (Nine hundred millimetre) dia	10.00			Per
	with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (One cement: Two fine	Running			running
	sand) including testing of joints etc; complete as per drawing and HP.PWD technical specifications and	metre			metre
	as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.				
۲	Providing and laying in position cement concrete of specified grade including the cost of centering	40.17			Per
	and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded	Cubic			cubic
	stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical	metres			metre
	specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.				

Incharge including carriage of materials within all leads, lifts and other incidentals.
lifts and other incidentals.
drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer
Providing and laying concrete for plain reinforcement concrete in open foundation complete as per
g
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
six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the
metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero
(thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic
stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm
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
millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted
Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three
Incharge including carriage of material within all leads, lifts and other incidentals.
complete as per drawing and HP.PWD technical specifications and as directed by Engineer-
layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering
anabas wlinth aidea of four
other incidentals.
specification Clause 1204.3.8, granular material complete as directed by the Engineluding carriage of materials within all leads, lifts and other incidentals.
Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.
all complete as per drawing plete as directed by the Enother incidentals.
clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.
slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.
wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.

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