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 10.05.2023 up to 11:00 A.M. And the same shall be opened on the same day at 04:00 P.M. in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on 09.05.2023 up to 4:00 P.M and the application for issue of tender form shall be received on 08.05.2023 up to 12:00 noon. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

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

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Repair of road along NH-154 at Hatwas in District Kangra, (HP) Deposit work (SH:-Providing and laying cement concrete pavement and construction of road side drain at RD 0/000 to 0/100).	365382/-	4150/-	Two months
2	Restoration of rain damages on link road from Massal to Parnar Basti in District Kangra (HP) (Deposit work) (SH:-Construction of retaining wall at Rd 1/050 to 1/075).	410209/-	8250/-	Three months
3	Restoration of rain damages on Chahri to Khatrehar road Km 0/000 to2/000 in Distt Kangra (HP) (SH:-Construction of 1.00 mtr span RCC slab culvert at RDs 0/120 to 0/750).	351325/-	7050/-	Two months
4	Repair of road along NH-154 at Hatwas in District Kangra (HP) (Deposit work (SH:-Providing and laying cement concrete pavement and construction of road side drain at Rd 0/100 to 0/200).	365382/-	4150/-	Two months
5	Providing new 10/11 KV Solar line/Panel at Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and installation of Solar Panel) (DC deposit)	499000/-	10000/-	Three months
6	Construction of Baroh Chowk, Jandrah, Tikka Talli, Khundiyan, Mahliyan road Km 0/000 to 5/000 in Distt Kangra (HP) MDR-93)(SH:-Construction of retaining wall at RD 3/260 to 3/266, Breast wall at RD 3/330 to 3/345 and construction of Edge wall with U-shape drain RD 3/270 to 3/300).	423288/-	8500/-	Three months
7.	Construction of link road to village Chanatu in G.P. Saroot in District Kangra (HP) (SH:-Removal of formation deficiencies at RD 0/000 to 0/210 and providing and laying cement concrete pavement at RD 0/000 to 0/065).	249985/-	5000/-	Three months
8.	Restoration of rain damages on Radh Panjlehar Dhar road in Distt Kangra (HP) Deposit work (SH:-Construction of retaining wall at Rd 2/380 to 2/390).	179369/-	3600/-	Three months
9.	Construction of link road Naryalkar to Kalru in G.P. Bushal in Distt Kangra (HP) (SH:-Formation cuts in Km 0/000 to 1/000).	249026/-	5000/-	One month
10.	Restoration of rain damages on link road ITI Sarotri to Aprehar in District Kangra (HP) Deposit work (SH:-Construction of retaining wall at RD 1/750 to 1/760).	230672/-	4100/-	Three
11.	Restoration of rain damages on link road from Massal to Sakra Basti in Distt Kangra (HP) (Deposit work) (SH:-Construction of retaining wall)	300073/-	6000/-	Three
12.	Construction of link road to Nai Basti in G.P. Balugloa in Tehsil Baroh Distt Kangra (HP) (SH:-Improvement of road with by providing retaining wall at RD 0/060 to 0/070 and C/o RCC Hume pipe culvert 900mm dia at RD 0/090).	250971/-	5050/-	Two
13.	Restoration of rain damages on Lilly Amtrar Mundla road in Distt Kangra (HP)Deposit work (SH:-Construction of 1.00 mtrs span RCC culvert at RD 2/700).	203746/-	4100/-	Three months
14.	Special repair to 500 Bedded Hospital in Dr RPGMC at Tanda in Distt Kangra (HP) (SH:-Painting and Distempering in 4 th floor ICU, Doctor waiting area & corridor etc;)	297515/-	5950/-	Two months
15.	Special repair to Residential Building at Dr R.P. Govt. Medical College Tanda in Distt Kangra (HP) (SH:-Balance work of providing and fixing aluminium work, granite stone, floor tile, WS & SI etc in Old Type-IV TBS Qtrs)	339487/-	6800/-	Two months



16.	Special repair to TB Sanatorium at Dr R.P. Govt. Medical College at Tanda in Distt Kangra (HP) (SH:-Dismantling tile, repair of plaster, wall tile, aluminium work, wall tile, paver block and painting etc; and painting etc in Back side of TB Sanatorium (Part-I)	294574/-	6000/-	Two months
17.	Special repair to Residential Building at Dr RPGMC Tanda Distt Kangra (HP) (SH:-Providing and fixing steel work & painting and Distempering etc in Old Type-III Block 6 Qtr o 1 to 8).	499318/-	10000/-	Three months

Terms & Conditions:-

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

Executive Engineer

H.P.P.W.D. Tanda Division

at Nagrota Bagwan (On behalf of Governor of Himachal Pradesh)

Dated/ 2 8

HIMSUCHANA AVAM & JAN SAMPARK

No.PW/NBD/TA/Tender/NIT/2023-24- 107 U-1103 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.

Engineer

H.P.P.W.D. Tanda Division

at Nagrota Bagwan

ESTIMATED COST: EARNEST MONEY: -

70 70 70 70 70 70

365382.00 4150.00

TWO MONTHS

TIME LIMIT

NAME OF WORK:-SUB-HEAD:-

Providing and laying cement concrete pavement and Construction of road side Drain at RD 0/000 to 0/100. Repair of road along NH-154 at Hatwas in District Kangra, (H.P.). Deposit Work

other i 3 Provid All w aggreg materi	·				other i	-	density	point 2	point t	stone s	wheel	Macad	forty f	2 Provid	the Go	charge	leads, l	dispose	and rai	exceed	I Excava	1		Sr No.	
All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone Cubic metres 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	k up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed ston to 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage (within all leads, lifts and other incidentals as per specifications, approved drawing, design, specification	k up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed ston to 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of	k up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed ston		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	the Government.	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 and as directed by the Engineer-in	disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all	and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and	exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of side	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	2		Description of items	
				Cubic metres	20.15								Cubic metres	7.50						of sides Cubic metres	14.25	L,		Quantity	
	-																			<u> </u>		4	Infig		
																						5	In words	RATES	
		:		metre	Per cubic								metres	Per Cubic						metre	Per cubic	6		Unit	
		:																				7		Amount	

mana, Toll tax, sale tax, GST M-30 grade with approved square in footpath, parks, lawns, extres in footpath, extres in	g carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, ne direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, sale tax, GST and any other taxes imposed by the Government. 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) 1:size and curing complete all as per direction of Engineer-in- Charge complete including carriage of with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction ire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, do any other taxes imposed by the Government.
100.00 Square metres metres Numbers Numbers	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre) in RCC 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size and curing complete all as per direction of Engineer-in- Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax,
100.00 Square metres metres 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre) in RCC 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size and curing complete all as per direction of Engineer-in- Charge complete including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction
Square metres Numbers Numbers	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre) in RCC 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size and curing complete all as per direction of Engineer-in- Charge complete including carriage of
Square metres Numbers	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre) in RCC 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres)
Square metres	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre)
Square metres	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana,
Square metres	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications,
100.00 Square metres	
100.00 Square metres	pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge complete
100.00 Square metres	compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and
100.00 Square metres	and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory
100.00 Square metres	method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting
100.00 Square metres	drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory
100.00	
	5 Providing and laying 80mm (Eighty millimetre) thick cement concrete paver block of M-30 grade with approved 100.00
ana, Toll tax, sale tax, GST	and any other taxes imposed by the Government.
ving, design, specifications	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
plete including carriage of	aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of
aded broken/crushed stone Cubic metres	All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone Cubic me
15.23 P	4 Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - 15.23

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

ESTIMATED COST: EARNEST MONEY: -TIME LIMIT

Rs.

THREE MONTHS 410209.00 8250.00

NAME OF WORK: Construction of Retaining wall at RD 1/050 to 1/075. Restoration of Rain damages on link road from Massal to Parmar Basti in District Kangra, (H.P.). Deposit Work

Sr No.	Description of items	Quantity		RATES
or No.			Infig	In words
1	2	3	4	5
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	18.28		
	exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides Cubic metres and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and	ubic metres		
	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.			
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	102.21		
	All work up to plinth level cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone Cubic metres aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of	Subic metres		
٠	material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and the leads of the lead			
	and any other taxes imposed by the Government.			
w	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water	78.15		
	pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within	Running metre		
	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.			
4	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification	12.15		
	Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per Cubic metres	Cubic metres		
	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.			

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

Schedule of Quantity

ESTIMATED COST: EARNEST MONEY: -

OST: - ₹

351325.00 7050.00 TWO MONTHS

TIME LIMIT :

TWON

SUB-HEAD :-NAME OF WORK :-Restoration of rain damages on Chahri to Khatrehar road Km 0/0 to 2/0 in Distt. Kangra (H.P). Construction of 1.00 mtr span RCC slab culvert at RDs 0/120 & 0/750

Description of items	Quantity	Rate
No.	In fig.	In words
1 2	3 4	S
	55	
	Cubic	
	meters	
	2.84	
	Cubic	
	010	
	metres	
3 Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification 25	25.41	
	Cubic	
	meters	
	4.22	
	Cubic	
size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material	metres	
Steel reinforcement for Reinforced Cement Concrete work including straightening, cutting, bending, placing in position and binding all 52.	524.80	
complete above plinth level Hot rolled deformed bars complete as per drawing and HP.PWD technical specifications and as directed by Kilogram Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	gram	
	3.15	
level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate 40 mm (Forty millimetres) nominal siz as directed by the	Cubic	
Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	metres	-
Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position	820.77	
7	gram	
lincidentale		

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

ESTIMATED COST: EARNEST MONEY: -

Rs. Rs.

365382.00 4150.00

TWO MONTHS

TIME LIMIT

NAME OF WORK:-SUB-HEAD:-

Repair of road along NH-154 at Hatwas in District Kangra, (H.P.). Deposit Work Providing and laying cement concrete pavement and Construction of road side Drain at RD 0/100 to 0/200.

SUB-H	SUB-HEAD:		:		 	
S. Z.	Description of items	Quantity		RATES	Unit	Amount
51,70			Infig	In words		
-	2	W	4	5	6	7
-	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	14.25			Per cubic	
	exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides Cubic metres	ıbic metres			IIIcuc	
	and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and		<u> </u>			
	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.	3			Dar Cuhic	
2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to	از./			metres	
	forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Cubic metres	ubic metres				
	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. Providing and laving in position cement concrete of specified grade including the cost of centering and shuttering -	20.15			Per cubic	
	All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone	hed stone Cubic metres			Illication	
	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.

IOIAL :-			
		GST and any other taxes imposed by the Government.	
	sale tax,	and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, s	
	direction	material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the d	
	iage of	nominal size and curing complete all as per direction of Engineer-in- Charge complete including carriage of	
	metres) Numbers	in RCC 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimetres)	
Per Cubic metres	imetre) 250.00	Providing and fixing precast RCC kerb stone of size 20x27x40cm (Twenty into twenty seven into forty centimetre)	6
		Toll tax, sale tax, GST and any other taxes imposed by the Government.	
	alkana,	as per the direction and entire satisfaction of Engineer-in-Charge. The rate is inclusive of octroi, royality, Malkana,	
	cations,	including carriage of material with in all leads, lifts and other incidentals as per drawing, design and specifications,	
	complete	pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in- Charge co	
	size and	compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required s	
	bratory	and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory	
	pacting	method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting	
	vibratory	drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vi	
metre	, lawns, Square metres	colour, design & pattern factory made chamfered edge Cement Concrete paver blocks in footpath, parks,	
Per	proved 100.00	Providing and laying 80mm (Eighty millimetre) thick cement concrete paver block of M-30 grade with approved	5
		and any other taxes imposed by the Government.	
	x, GST	and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST	•
	cations	material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications	-
	iage of	aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of	0
	1 stone Cubic metres	All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone Cubic metres	+
Per cubic metre	ering - 15.23	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	4 F
,			

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

TIME LIMIT

ESTIMATED COST: EARNEST MONEY: -

499000.00 10000.00 THREE MONTHS

SUB-HEAD :-NAME OF WORK :-Providing New 10/11 KV Solar line/ Pannel at Nagrota Bagwan in Distt. Kangra (H.P.) Providing and installation of Solar Pannel)(DC Deposit).

		1	S &
	Providing and installation of Solar Inverter on Grid 10KW Sine Wave of poly/UTL with 5 years warranty, Solar Panel 330 Watt of Lubi /Waaree with 25 years warranty, Module Mounting Structure (GI) pre galvanised as per MNRE standard, DC wires 4 Sq mm (Four square metres) of KEI/Polycab, AC wire (6 sq mm) (Six square metre) of Polycab, Surge protection of Citel, Earthing Kit of Gel Earthing & Chemical Bag Bi-Directinal solar Meter of NT/Secure, ACDB & DCDB as per standard complete with necessary fitting as per direction of the Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2	Description of items
	Kilowatt	3	Quantity
		4	In fig
		5	Rate In words
TOTAL:-	Per kilowatt	6	Unit
		7	Amount

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

ESTIMATED COST: -

423288.00

EARNEST MONEY: -

THREE MONTHS 8500.00

TIME LIMIT

Construction of Baroh Chowk, Jandrah, Tikka Talli, Khundiyan, Nahliyan road Km 0/000 to 5/000 in District Kangra, (H.P.). (MDR-93) Construction of Retaining wall at RD 3/260 to 3/266, Breast wall at RD 3/330 to 3/345 and Construction of Edge wall with U-shape drain at RD 3/270 to 3/300.

SUB-HEAD:

NAME OF WORK:

ssign and as directed by the Engineer GST and any other taxes imposed by	ssign and as directed by the Engineer GST and any other taxes imposed by	esign and as directed by the Engineer GST and any other taxes imposed by	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	:
		metre	(Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within	
		48.50	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS: 13592 Type A, including jointing with seal ring conforming to IS: 5382, leaving 10 mm	4
			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 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of	
		ubic metres	All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone Cubic metres	
		27.00	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	L.
			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 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of	
		ubic metres	All work up to plinth level cement concrete 1:5:10 (One cement; five sand; ten graded broken/crushed stone Cubic metres	
		72.87	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	2
			the Government.	
			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 and as directed by the Engineer-in-	
			disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all	
			and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and	
		Cubic metres	exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides Cubic metres	
		64.71	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	-
S	4	w	2	1
In words	In fig 1			
ES	RATES	Quantity	Description of items	Sr No.

royality, Malkana, Toll tax	specifications, approved dr	Clause 1204.3.8, complete	3 Backfilling behind abutme
royality, 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,	Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification
		Cubic metres	8.78
TOTAL :-			Per cubic metre

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

249985.00 5000.00 THREE MONTHS

Construction of link road to village Chanatu in G.P. Saroot in District Kangra, (H.P.). Removal of formation deficiencies at RD 0/000 to 0/210 and Providing and laying Cement Concrete Pavement at RD 0/000 to 0/065

SUB-HEAD:-NAME OF WORK:-

prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, cutting and trimming of side slopes and level as shown in the drawing and as directed by engineer-in-charge at site according to the MORD technical specification clause 302, 1603.1 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to the tune of 12.30 Cum (Twelve point Thirty) cubic metres quantity at the rate of 300/- (Three Hundred) per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases. 2 Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point zero six cubic metres per 10 sqm (per ten square metres) and binding material at the rate of 0.6 cum (zero point zero six cubic metres) to the r	S	Sr No.	Description of items Quantity 2 Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including 330.75 saturated soil comprising of ordinary soil, soft rock, hard rock, chiseling, wedging out of rock (where blasting is Cubic metres	anual/mechanical means including in Company out of rock (where blasting is	Quantity 3 anual/mechanical means including 330.75 ging out of rock (where blasting is Cubic metres	Quantity In fig anual/mechanical means including 3 30.75 ging out of rock (where blasting is Cubic metres
·			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 drassing and carriage of machine in the leveling of the drassing and carriage of machine in the leveling of the drassing and carriage of machine in the leveling of the drassing and carriage of machine in the leveling of the drassing and carriage of machine in the leveling of the drassing and carriage of machine in the leveling of the drassing and carriage of machine in the leveling of the drassing and carriage of machine in the leveling of the drassing and carriage of the level in the lev	nes, grades, cutting and charge at site according I materials and stacking aterial for filling in road to required width of the d or animal transport or	nes, grades, cutting and charge at site according I materials and stacking iterial for filling in road to required width of the documents of the documents of the documents.	nes, grades, cutting and charge at site according I materials and stacking iterial for filling in road to required width of the 1 or animal transport or
			and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to the tune of 12.30 Cum (Twelve point Thirty) cubic metres quantity at the rate of 300/- (Three Hundred) per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of execution shall be the absolute	and labour if required. the rate of 300/- (Three rata basis as per actual on shall be the absolute	and labour if required. the rate of 300/- (Three ata basis as per actual n shall be the absolute	and labour if required. the rate of 300/- (Three ata basis as per actual n shall be the absolute
		•	responsibility of the contractor, which shall have to be compensated by him in all cases.			
Macadam specification including spreading in uniform thickness using template, hand p wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material apoint zero six cubic metre) to fill up the interstices of coarse aggregate, watering and codensity as per technical specifications clause No. 405 including carriage of materials with other incidental.		2	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to 14.15 forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Cubic metres	sixty three millimeter to ckness] to water bound Cu	sixty three millimeter to 14.15 ckness] to water bound Cubic metres	sixty three millimeter to 14.15 ckness] to water bound Cubic metres
point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material apoint zero six cubic metre) to fill up the interstices of coarse aggregate, watering and codensity as per technical specifications clause No. 405 including carriage of materials with other incidental			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	applying and brooming, rate of 0.22 cum (zero	applying and brooming, arate of 0.22 cum (zero	applying and brooming, rate of 0.22 cum (zero
density as per technical specifications clause No. 405 including carriage of materials with other incidental.	:		point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 c point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the	the rate 0.06 cum (zero pacting to the required		
			density as per technical specifications clause No. 405 including carriage of materials within all leads and other incidental.	n all leads and lifts and		

				2	+	W
	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	Froviding and laying in position cement concrete of specified grade including the cost of centering and shuttering - 29.96
TOTAL :-					metre	Per cubic

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

SUB-HEAD: NAME OF WORK:

Restoration of rain damages on Radh Panjlehar Dhar road in District Kangra, (H.P.). <u>Deposit Work</u> Construction of Retaining wall at RD 2/380 to 2/390.

EARNEST MONEY: -ESTIMATED COST: -

179369.00 3600.00

TIME LIMIT THREE MONTHS

	TOTAL :-	2				
	metre		, w	as per Cubic metres coctroi,	Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	
	Per cubic			14.64	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification	4
	Running metre			Running metre	(Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	
	Per			27.60	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water pines conforming to IS: 13592 Type A including initial with coal size of the coal	u
	metre		ĆŚ.	Cubic meti	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.	
	Per cubic			42.59	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 1:5:10 (One cement: five sand: ten graded broken/crushed et al.	2
	Per cubic metre		rg	ans (not 17.75 of sides Cubic metres soil and rithin all gineer-in-osed by	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	4	w	Excavation work by mechanical means (Hydraulic excavator) manual moons in family in the second secon	1
		In words	In fig		2	1
Amount	Unit	RATES		Quantity	Description of items	or No.

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

Tanda at Nagrota Bagwan.

Schedule of Quantity

TIME LIMIT

EARNEST MONEY: -ESTIMATED COST: -

4 4

249026.00 5000.00

ONE MONTH

NAME OF WORK :-SUB-HEAD . Construction of link road Naryalkar to Kalru in G.P. Bushal in Distt Kangra (HP) Formation cutting in Km 0/000 to 1/000

No.	Description of items	0	Quantity	Quantity In fig	
1	. 2	w		4	4 5
		1550.60 Cubic	1		
	out of rock (where blasting is promoted) 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	meters			
	in all leads and lifts in acquired width of road and transportation of un-useful material for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing				
	and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required. Recovery of stone to				
	the tune of 30.28 Cum (Thirty point Twenty Eight) cubic metres quantity at the rate of 300/- (Three Hundred) per cubic metre shall be effected from the contractor's ranning bills on pro-rata basis as per actual quantity executed. Any loss to the public, private property during the course of				
	execution shall be the absolute responsibility of the contractor, which shall have to be compensated by him in all cases.				

Executive Engineer,

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

SUB-HEAD:-NAME OF WORK:

Construction of Retaining wall at RD 1/750 to 1/760. Restoration of rain damages on link road ITI Sarotri to Aprehar in District Kangra, (H.P.). Deposit Work

> TIME LIMIT **EARNEST MONEY:-**ESTIMATED COST: -

> > 203672.00 4100.00

THREE MONTHS

	TOTAL :-	1			
				royality, 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,	
	metre		bic metres	Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per Cubic metres	
	Per cubic		8.04	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification	4
	metre		Running	(Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	
	Per		29.76	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water prince conforming to IS: 13502 Type A including jointing with seal ring conforming to IS: 5382 leaving 10 mm	w
	meire		ibic metres	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.	
	Per cubic		49.75	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering -	2
				charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	
				leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-	
				disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all	
	Шепе		ibic metres	exceeding 1.5m (One point five metre) in width or 10 sqm (1en square metre) on plan), including dressing of sides Cubic metres and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and	
	Per cubic		26.32	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not	1
7	6	5	3 4	2	1
		In words	Infig		
Amount	Unit	RATES	Quantity	Description of items	Sr No.

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

THREE MONTHS 300073.00 6000.00

NAME OF WORK :-Schedule of Quantity

ESTIMATED COST:
EARNEST MONEY:
FIME LIMIT: :

Construction of Retaining wall

EARNEST MONEY:
TIME LIMIT: :

	1			4		u				ı	2					I	1	No.	s
	material within all leads, lifts and other incidentals.	HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of	drawings and technical specification Clause 1204.3.8. granular material as per drawing and	Backfilling with granular material behind abutment, wing wall and return wall complete as per	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.	wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with Running	n iii ii i	specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	stone apprepare 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical	and chuttering - All work up to plinth level 1.5.10 (One cement · Five coarse sand · Ten graded	Providing and laving in position cement concrete of specified grade including the cost of centering	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	plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre),	or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches	2		Description of items
			Cubic	11.15	metres	Running					74.80		270000000000000000000000000000000000000	meters	Cubic	15.75	3		Quantity
																	4	In fig.	
																	5	In words	Rate
TOTAL :-	7	metre	cubic	Per		Eacii	Each		metre	cubic	Per			metre	cubic	Per	6		Unit
																	7		Amount

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

Schedule of Quantity

ESTIMATED COST: - EARNEST MONEY: -

250971.00 5050.00 TWO MONTHS

NAME OF WORK :-TIME LIMIT

SUB-HEAD :-Construction of link road to Nai Basti in G.P. Balugloa in Tehsil Baroh, Distt. Kangra (H.P) Improvement of road width by providing Retaining wall at RD 0/060 to 0/070 and C/o RCC Hume Pipe culvert 900 mm dla at RD 0/090.

ø	<u>~</u>	4	w	2			S &
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.	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	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 joints etc; complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	Providing concrete for plain/reinforced concrete in open foundations including the cost of centering and shuttering 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 concrete for plain/reinforced concrete 1:3:6 (One cement: three sand: Six graded broken/crushed stone aggregate 20mm(Twenty millimeters) nominal size including the cost of centering and shuttering in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 and 1203 PCC grade M-10 (M-ten) 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.	2	Description of items
31.54 Cubic metres	4.15 Cubic metres	5.00 Running metre	12.16 Cubic metres	2.80 Cubic metres	45.13 Cubic meters	3	Quantity
						4	In fig.
						5	Rate In words
Per cubic metre	Per cubic metre	Per running metre	Per cubic metre	Per cubic metre	Per cubic metre	0	Unit
						7	Amount

	_		
		. 00	
		Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	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.
		Cubic metres	Running metres
1	TOTAL:-	Per cubic metre	Per running metre

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

Schedule of Quantity

TIME LIMIT

THREE MONTHS

203746.00 4100:00

EARNEST MONEY: -ESTIMATED COST: -

SUB HEAD NAME OF WORK: Restoration of rain damages on Lilly Amtrar Mundla road in Distt. Kangra (H.P.). DEPOSIT WORK Construction of 1.00 mirs span RCC culvert at RD 2/700

Š

0 Ś w Z ~ carriage of materials within all leads, lifts and other incidentals incidentals due for its completion for all floors and as directed by the Engineer-in-Charge including straightning and placing in position complete including cost of binding wires complete and other Providing Tor steel reinforcement for reinforced cement concrete work including bending, binding, including carriage of materials within all leads and lifts and other incidentals. beams and deck slab as per HPPWD technical specification and as directed by the Engineer-Incharge and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing within all leads, lifts and other incidentals. 40 mm (Forty millimetres) nominal siz as directed by the Engineer-Incharge including carriage of materials shuttering - All work up to plinth level 1:4:8 (One Cement : Four coarse sand) : Eight graded stone aggregate Providing and laying in position cement concrete of specified grade including the cost of centering and 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness in incidentals. and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical specifications shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone Providing and laying in position cement concrete of specified grade including the cost of centering and Providing concrete for plain/reinforced concrete in substructure complete as per drawings and technical directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. broken/crushed stone aggregate 20mm (Twenty millimeters) nominal size PCC grade M-15 (M-Fifteen), as specifications Clause 802, 803, 1202 & 1203 in 1:2.5:5 (One cement: Two and half sand: five graded) other incidentals... trenches with excavated suitable material including entire carriage of materials within all leads, lifts and material and disposal upto a lead of 50m (fifty meters), dressing of sides and bottom and backfilling in 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 Description of items 515.50 grams Kilo-Cubic Cubic meters metres metres Cubic 3.15 Cubic Cubic 12.87 metres metres 25.49 8.90 Oty O In fig In words Ç cubic metre gram kilocubic metre cubic metre Per Per cubic metre Per Per cubic metre Per Per Unit 0 Amount

TOTAL:-			
Per cubic metre	4.15 Cubic metres	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. 4.15 Cubic metres	
		8 Backfilling behind abutment wing wall and return	00
Per running metre	20.50 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 Running 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.	

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

ESTIMATED COST: - Rs. 297515.00
EARNEST MONEY: - Rs. 5950.00
TIME LIMIT : TWO MONTH

NAME OF WORK: -Special Repair to 500 Bedded Hospital in Dr. RPGMC at Tanda in Distt. Kangra (H.P) (Painting and Distempering in 4th floor ICU, Doctor Rooms Waiting Area & Corridor etc).

		-		
glass panes wherever necessary as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals.	eads, I	eads, lifts Square metres		
Supplying and fixing 4mm (Four millimetres) thick Plain Glass panes with putty and nails including removal of broken	of brok			
Painting two coats (excluding priming coat)on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	g coati	g coating 1330.80 d by the Square metres		
Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	urfaces atter a Engine	rfaces to 1410.70 after and Square Engineer metres	THE STREET	THE STREET
Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	ar drop	ar drops, 1810.10 nplete, as Square metres		
Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	includi within :	including 1810.10 within all Square metres		
		3	3 4	3 4 5
		4	Infig	Infig
			TO THE PARTY OF TH	

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

NAME OF WORK: -SUB-HEAD: -S. No. Special Repair to Residential Building at Dr. R.P. Govt. Medical College Tanda in Distt. Kangra (H.P.)

Balance work of providing and fixing aluminium work, granite stone, floor tile, W.S. & S.I. etc. in Old Type-IV TBS Qtr. ESTIMATED COST: EARNEST MONEY: TIME LIMIT: 339487.00 6800.00 TWO MONTHS

metre			metres		
Running			Running		
Per			8.10	25 mm (Twenty five millimetres) dia nominal bore	=
metre			metres		
Running			Running		
Per			14.40	20 mm (Twenty millimetres) dia nominal bore	=:
metre			metres		
Running			Running		
Per			46.00	15 mm (Fifteen millimetres) dia nominal bore	
;	:			Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. complete as pe direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.	4
III ou c			IIICUCS	of materials within all leads, lifts and other incidentals.	1
Per square			17.39 Square	Providing and fixing glazing in aluminium door, window, ventilator shufters and partitions etc. with EPDM rubber / neoprene gaske etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): all complete as per architectural drawings and as per direction of Engineer-In-Charge including entire carriers.	u
gram			Kilograms	standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene feletc. Aluminium sections shall be smooth, rustfree, straight, mitred and jointed mechanically where ever required including cleas angle, aluminium, snap beading for glazinge/ panelling C.P. brass/stainless steel screws for shutters of doors windows & ventilator including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) all complete as per architectural drawings and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	
Davidio			70 00	Providing and fixing aluminium anodised /colour coated work for door, windows, ventilators and partitions with extraded built in	2
q				shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or witl expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felete. Aluminium sections shall be smooth, rustfree, straight, mitted and jointed mechanically where ever required including cleas angle, aluminium, snap beading for glazinge/ panelling C.P. brass/stainless steel screws for doors windows and ventilatiors an glazed partitions frames. All complete as per architectural drawings and as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	
Per kilo-			60.00 Kilograms	Frowling and fixing aluminium anodised /colour coated work for door, windows, ventilators and partitions with extruded built up standard tubular and other sections of approved make conforming to IS 733 and IS 1285 anodised transparent or dyed to require	-
٥	5	4	Lu	Donaldian and Edition 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	- -
	In words	In fig			
Unit	Rate		Quantity	Description of items	S. No.
	Unit 6 Per kilogram gram Per kilogram Per Running metre Per Running metre Per Running metre Per Running metre Per Running metre Per Running metre	S S	Rate In words 5	Quantity Rate In fig In words 3 4 5 60.00 S 5 Kilograms S 3 70.00 Kilograms S 70.00 Kilograms S 17.39 Square metres S 17.39 Square metres S 14.40 Running metres S 14.40 Running metres S 8.10 Running metres S	Quantity Rate In fig In words 3 4 5 th extruded built up 60.00 or dyed to required Kilograms fixing clips, or with d PVC/neoprene felt red including cleast and ventilations and neluding carriage of fixing clips, or with d PVC/neoprene felt red including carriage of sor dyed to required Kilograms fixing clips, or with d PVC/neoprene felt red including cleast andows & ventilators neluding the cost of as per architectural r incidentals et / neoprene gasket 17.39 ap beading shall be Square ding entire carriage metres etc. complete as per etc. complete as per 14.40 Running metres 8.10 Running metres 8.10 Running metres 8.10 Running metres 8.10

		14	3 2	3 =	01	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		7		
Numbers 75.00 Square metres 13.20 Square metres 13.20 13.20 Square metres 13.20 13.20 13.20 13.20 Cubic metres	plinth level 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm (Twenty millimetres) nominal size complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	wood screws (frame work and cover fillets to be measured and paid for separately) complete and as per direction of Engineer-Incharge, including entire 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	(thickness to be specified by the manufacturer), with water absorption less than 0.08% (Zero point eight precent) and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS:15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-Incharge including carriage of materials, within all leads, lifts and other incidentals. Providing and fixing 6 mm (Six millimetres) thick plain ashestos cement sheet ceiling of generated coulting.	Making plinth protection 50mm (Fifty millimetres) thick of cement concrete 1:3:6 (1 cement: 3 coarse sand (zone - III): 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm (Forty millimetres) nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	Providing and fixing M.S. BP Sheet 1.66mm to 2mm (One point sixty six millimeters to two millimetres) thick in eaves board/facia/soffits/ceiling including outting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-in-charge (Base members of steel work shall be measured & paid separtely) complete as per direction Engineer-in-charge including carriage of material within all leads, lifts and other incidentals.	Providing and laying 15 to 20mm (Fifteen to Twenty millimeters) thick granite stone in flooring 20mm (Twenty millimeters) (average) thickness base of cement mortar 1:3 (One cement: Three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone Uc rubbing and polishing single/double layers complete as per direction Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm (One point sixty seven letres/ten square metres) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) (Two point twenty kilograms/ten square metres) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	Repairs to plaster of thickness 12mm (Twelve millimetres) to 20 mm (Twemty millimetres) in patches of area 2.5 (Two point five) sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in- Charge with cement mortar 1:4 (1 cement: 4 fine sand) complete and as per direction of Engineer-Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	quality conforming to IS:8931 complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals.
	Cubic	Square metres 3.40	36.00 Square metres	20.10 Square metres	13.20 Square metres	7.10 Square metres	75.00 Square metres	75.00 Square metres	75.00 Square metres	Numbers
Per Square metre m										
	Cubic metre	Per Square metre	Per Square metre	Per square metre	Per Square metre	Per Square metre	Per Square metre	Per Square metre	Per Square metre	Eacn

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TOTAL:-	Tr				_
Per square metre		8.10 Square metres	Providing and fixing 12mm (Twelev milimetres) thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides complete as per direction Engineer-In-charge including carriage of material within all leads, lifts and other incidentals.	16	, ,
Per Square metre		34.00 Square metres	Providing and laying 60mm (Sixty millimetres) thick factory made cement concrete interlocking paver block of M -30 (M-Thirty) grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm (Fifty millimetres) thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge, complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	5	

Executive Engineer
HP PWD-Division
Tanda at N/Bagwan.

ESTIMATED COST:
EARNEST MONEY: -

TIME LIMIT :-

TWO MONTHS

294574.00 6000.00

NAME OF WORK :-Special repair to TB Sanatorium at Dr. R.P. Govt. Medical College at Tanda in Distt. Kangra (H.P.)

Dismantling tile, repair of plaster, wall tile, aluminium work, wall tile, paver block and painting etc. in Back side of TB Sanatorium (Part-I)

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Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item) With float glass panes of 5 mm (Five millimetres) thickness (weight not less than 12.50 (Twelve point fifty) kg/ sqm) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals. Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm (One point four millimetres) in both directions with wire of dia 0.63 mm (Zero point sixty three millimetres) all	Providing and fixing aluminium work for anodized/ colour coated doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately): Powder coated aluminium (minimum thickness of powder coating 50 micron) For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	the walls complete, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground with cement mortar 1:4 (1 cement : 4 fine sand) complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Providing and fixing aluminium work for anodized/ colour coated doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-incharge. (Glazing, paneling and dash fasteners to be paid for separately): Powder coated aluminium (minimum thickness of powder coating 50 micron) For doors windows and ventilators and glazed partitions frames complete and as per direction of Engineer-Incharge, including entire carriage of materials within all leads, lifts and other	metres) complete as per direction of Engineer-in-Charge including entire carriage of materials within all leads, litts and other incidentals. Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (1 Cement : 3 coarse sand): 6 graded stone aggregate 40 mm (Forty millimetres) nominal size) complete as per direction of Engineer-In-Charge including entire carriage of materials within all leads, lifts and other incidentals. Repairs to plaster of thickness 12 mm to 20 mm (Twelve millimetres to twenty millimetres) in patches of area 2.5 sq.meters (Two point incidentals).	W () O I	2	Description of items
Square metres 1.15 Square	35.10 Kilograms	Square metres 32.40 Kilograms	10.50 Cubic metres 56.00	18.20 Cubic metres	3	Quantity
:					In fig	
				,	In words	Rate
Per Square metre Per Square	Per Kilogram	Square metre Per Kilogram	Per Cubic metre	Per Cubic metre	8	Unit
				,	7	Amount

incidentals.	14 Steel work well approved steel I	13 Steel reinforcen level Mild stee materials within	12 Brick work using second class mortar 1:6 (1 cement: 6 sand) leads, lifts and other incidentals	10 Providing and fix shutter thickness other incidentals	ii 100 mm (One l	i 125mm (One hu	9 Providing and fi and as per direct	ii 250x10mm (Tw		8 Providing and f screws etc. com incidentals.		i 300x10mm (Th	7 Providing and fi screws etc. com incidentals.	1	No.	S
Providing corrugated G.I sheet roofing fixed with galvanised iron J.or L. hooks bolts and nuts 8 mm (Eight millimetres) diameter with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purlins refters and trusses 0.80 mm (Zero point	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar Kilograms works complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Mild steel and Medium Tensile steel bars complete and as per direction of Engineer- Incharge, including entire carriage of Kilograms materials within all leads, lifts and other incidentals.	Brick work using second class common burnt clay building bricks in Super-structure above plinth level up to floor two level in cement mortar 1:6 (1 cement: 6 sand) complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	Providing and fixing 100mm (One hundred millimetres) bright finished brass floor door stopper with rubber cushion screws etc. to suit shutter thickness complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	100 mm (One hundred millimetres)	125mm (One hundred twenty five millimetres)	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	250x10mm (Two hundred fifty into ten millimetres)	200x10mm (Two hundred into ten millimetres)	Providing and fixing anodized aluminium tower bolts (barrel type anodized trans parent or dyed to required shade and colour with screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	250x10mm (Two hundred fifty into ten millimetres)	300x10mm (Three hundred into ten millimetres)	Providing and fixing anodized aluminium sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etc. complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other incidentals.	2		Description of items
24.50 Square	21.00 Cilograms	158.02 Glograms	3.03 Cubic metres	2 Numbers	5 Numbers	6 Numbers		4 Numbers	3 Numbers		5 Numbers	5 Numbers		ß	, , , , , , , , , , , , , , , , , , ,	Ougntity
														4	In fig	
														5	In words	Rate
Per Square	Per Kilogram	Per Kilogram	Per Cubic metre	Each	Each	Each		Each	Each		Each	Each	:	6		T Init
														7	O I	Amount

metre				Incidentals.	
Stanfo			metres	matter complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	
Canara			Square	metre) of surface and rubbing the solution with brush including thoroughly cleaning the surface of all oil grease dirt and other foreign	
Per			122.50	Applying modrent solution on new G.I sheet for preparation of surface for painting @ 5 litres/100 sqm. (Five litres/one hundred square	23
metre			metres	incidentals.	
Square			Square	manufacture complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	
Per			143.50	Removing old paint from steel and other metal surface & making the surface even with paint remover of approved brand and	22
				incidentals.	
metre			metres	white complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	
Square			Square	brushing to give an even shade including cleaning of all dirt, dust and other foreign, sand papering and stopping with paint other than	
Per			122.50	Providing two coats (excluding priming coat) on steel based surface under coat with enamel and finishing coating with flat oil paint,	21
				all leads, lifts and other incidentals.	
metre			metres	twenty kilograms/ten square metres) complete and as per direction of Engineer- Incharge, including entire carriage of materials within	
Square			Square	point sixty seven letres/ten square metres) over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) (Two point	
Per			155.70	Finishing walls with Acrylic Smooth exterior paint of required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm (One	20
metre			metres	materials within all leads, lifts and other incidentals.	
Square			Square	wall surface to prepare the surface even and smooth complete and as per direction of Engineer- Incharge, including entire carriage of	
Per			17.44	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered	19
metre			metres	incidentals.	
Square			Square	to scratches complete and as per direction of Engineer- Incharge, including entire carriage of materials within all leads, lifts and other	
Per			116.25	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs	18
				carriage of materials within all leads, lifts and other incidentals.	
				grouting of joints (Payment for grouting of joints to be made separately) complete as directed by the Engineer-Incharge including	
				modified quick set tile adhesive (water based) conforming to IS: 15477 in average 6 mm (Six millimetres) thickness including	
metre			metres	15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer	
Square			Square	to be specified by the manufacturer), with water absorption less than 0.08% (Zero point zero eight precent) and conforming to IS:	
Per			34.20	Providing and laying 300x450 mm (Three hundred into four hundred fifty millimetres)Size of Vitrified tiles in different sizes (thickness	17
				per the discussion of Engineer-in-charge, complete and as per uncertain of Engineer- incharge, increasing course carriage of materials within all leads, lifts and other incidentals.	
шене			metres		
metre			Square		
Per			39.90	Providing and laying 60mm (Sixty millimetres) thick factory made cement concrete interlocking paver block of M -30 (M-1 hirty) grade	16
6	5	4	3	2	1
	In words	In Jıg			No.
O III	Nate	T	Quantity	rescribing of items	

Executive Engineer,
HP PWD Division,
Tandalat N/Bagwan.

ESTIMATED COST: EARNEST MONEY: TIME LIMIT::

Rs.

499318.00 10000.00 THREE MONTH

NAME OF WORK: -Special Repair to Residential Building at Dr.R.P.G.M.C. TANDA. Distt Kangra H.P.

Providing & Fixing steel work & Painting and Distempering Etc.in Old Type -III Block -6 Qtr, no. 1 to 8.

Square metre Per square metre Per square metre Per square metre Per square metre. Per square metre. Per square metre.	Square metres 3185.90 Square metres 1048.19 Square metres 849.92 Square metres 849.92	the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Painting two coats (excluding priming coat) on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or equavalent Asian paints of Nerolac on undecorated wall surfaces (two coats) to give an even shade and finish after throughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals.	
Per squar metr	Square metres 3185.90 Square metres 1048.19 Square metres 849.92 Square	the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Painting two coats (excluding priming coat)on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or equavalent Asian paints of Nerolac on undecorated wall surfaces (two coats) to give an even shade and finish after throughly cleaning the surface to including card naner smooth complete as directed by the Engineer-Incharge.	
Per squarenetro	Square metres 3185.90 Square metres 1048.19 Square metres 849.92	the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Painting two coats (excluding priming coat)on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or equavalent Asian paints of	
Per squ metr	Square metres 3185.90 Square metres 1048.19 Square metres	the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Painting two coats (excluding priming coat)on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals	7
Per squ metr	Square metres 3185.90 Square metres 1048.19 Square	the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Painting two coats (excluding priming coat)on new wood and wood based surface under coat with enamel and finishing coating with flat oil paint, brushing to give an even shade including cleaning of all with paint other then white as directed by the Engineer-Incharge,	
Per squ	Square metres 3185.90 Square metres 1048.19	the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Painting two coats (excluding priming coat)on new wood and wood based surface under coat with enamel and finishing coating with	
Squar metr Per squar metr squar metr	Square metres 3185.90 Square metres	the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	6
Per squar metr squar metr squar metr squar metr squar metr squar metr	Square metres 3185.90 Square metres	loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth including applying of putty as required for making the surface complete as directed by the Engineer-Incharge including	
Per squar metra squar sq	Square metres 3185.90 Square	loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered	
Per squar metre per per per per per per per per per p	Square metres 3185.90	loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, as directed by the Engineer-Incharge, including carriage of materials within all leads, lifts and other incidentals. Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surfaces to give	
square metre square square metre per square square square metre	Square metres		S
square square metre Per square square	Square		
Square metre	17		
Per square metre	1483.40	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust,	4
Per	metres	other incidentals .	
Per	Square	repairs to scratches complete, as directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and	-
	3642.640	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary	w
	ancures	of materials within all leads, lifts and other incidentals	
metre	metrec		
square	Square		-
Per	2.87	Providing and fixing 40mm (Forty millimetres) thick 2nd class deodar wood wire gauge shutters using galvanised M.S. wire	2
gram	Kilograms	priming coat of red lead paint in beams joists channels, angles, tee thats with connecting plates of angle cleats as in main and kill cross beams, hip and jack rafters, purlins connected to common rafters and the like as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	
Per kilo-	98.60	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting ,fixing in position and applying a	1
5 6	3 4	2	
In words	Infig		
Rate Unit	Quantity	S. No. Description of items Q	Š

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