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 10.07.2023 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 07.07.2023 up to 4:00 P.M and the application for issue of tender form shall be received on 06.07.2023 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

Sr. No.	pen for 120 days. Name of work	Estimated Cost	Earnest Money	Time limit
1.	Construction of link road to village Thatt in District Kangra (HP) (SH:-Providing and laying cement concrete pavement (M-20) grade at RD 0/380 to 0/433).	161544/-	3250/-	Two months
2.	Construction of link road Barohbar to Manimahesh in District Kangra (HP) (SH:-Providing and laying cement concrete pavement (M-20) grade at RD 0/615 to 0/730).	350042/-	7000/-	Two months
3.	Restoration of rain damages on link road from Kalizan to Balol road Km 0/000 to 3/000 link road to village Panjlehar Km 0/000 to 1/500 & link road from Nihargalu to Jalot Km 9/000 to 14/000 in Distt Kangra (HP) (SH:-Repair of pot holes by providing patch work)	499998/-	10000/-	One month
4.	Construction of link road from Jamaca to Than road in Distt Kangra (HP) (SH:-Providing and laying Soling, wearing and Tarring in Km 0/000 to 0/230).	499950/-	10000/-	Two months
5.	Construction of link road to Gujjar Basti from Mehta Basti Chowkk iin G.P. Balugaloa Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/060 to 0/070, Providing and laying 900mm dia RCC Hume pipe culvert at RD 0/090 and Providing and laying cement concrete pavement 0/000 to 0/090).	331893/-	6650/-	Three months
6.	Construction of Nihargalu Jalot road Km 0/000 to 14/000 in Distt Kangra (HP) (Deposit work) (SH:-Providing and laying bitumenious concrete in various reaches between Km 1/000 to 5/000)	495328/-	9950/-	Two months
7.	Construction of Nihargalu Jalot road Km 0/000 to 14/000 in Distt Kangra (HP) (Deposit work) (SH:-Providing and laying bitumenioues concrete in various reaches between Km 5/000 to 10/000)	495328/-/-	9950/-	Two months
8.	Construction of link road to village Matyal in Distt Kangra (HP) (Deposit work) (SH:-Providing and laying cement concrete pavement road in Km 0/260 to 0/420).	499797/-	10000/-	Two months
9.	Special repair of Govt. Primary Health centre at Dhaloon in Tehsil Nagrota Bagwan Distt Kangra (HP) Deposit work (SH:-Repair of existing building in Civil work including water supply and sanitary installation etc;	499897/-	10000/-	Three months
10.	Construction of link road from Sadoon to Akrana Km 0/000 to 3/180 in Distt Kangra (HP) (SH:-Construction of retaining wall at RDs 0/225 to 0/240, 1/110 to 120, 2/155 to 2/172, C/O Breast wall at RD 2/225 to 2/242 and C/O Edge wall at RD 1/225 to 1/245).	499932/-	10000/-	Two months

Terms & Conditions:-

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

HIMSUCHANA AVAM & JAN SAMPARK

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

(On behalf of Governor of Himachal Pradesh) 21-6-2023

3650 - 79 No.PW/NBD/TA/Tender/NIT/2023-24-

Copy to the following for information and necessary action:-

- 1. The Principal Secy. (PW) to the Govt. of H.P. Shimla.
- The Engineer-in-Chief, HPPWD, Shimla. 2.
- The Chief Engineer (KZ), HPPWD, Dharamshala. 3.
- The Director, Information & Publications Department, H.P. Shimla
- The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the department website.

Dated/

- The Superintending Engineer, 5th Circle, HPPWD, Palampur.
- The Principal, Dr. RPGMC, Tanda. 7.
- The Deputy Commissioner, Kangra at Dharamshala. 8
- All the S.E.s/E.E.s under North Zone.
- 10. The Sub-Divisional Officer(C) Nagrota Bagwan.
- 11. The Block Development Office Nagrota Bagwan
- All the Assistant Engineer under this Division.
- 13. The Drawing /Accounts Branch in this office.
- 14. The Contractors concerned.
- 15. Notice Board.

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

NAME OF WORK:

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

Providing & laying cement concrete pavement (M-20) grade at RD 0/389 to 0/433.

ESTIMATED COST: - Rs. 161544.00
EARNEST MONEY: - Rs. 3250.00
TIME LIMIT : TWO MONTHS

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		Amount	Unit	RATES		Quantity		

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

ESTIMATED COST: EARNEST MONEY: -TIME LIMIT

Rs.

350042.00 7000.00

TWO MONTHS

	TOTAL :-			imposed by the Government.
	metre		52.80 Cubic metres	other incidental. 2 Providing and laying in position connected of specified grade including the cost of centering and shuttering - 2 Providing and laying in position connected of specified grade including the cost of centering and shuttering - 2 Providing and laying in position connected of specified grade including the cost of centering and shuttering - 2 Providing and laying in position connected of specified grade including the cost of centering and shuttering - 52.80 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
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7	6	4 5	3	Sr No.
Amount	Unit	RATES In words	Quantity	SUB-HEAD:- Providing & laying content concern partial street Providing & laying content concern partial street

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

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

499998.00 10000.00

NAME OF WORK:-Restoration of rain dmages on link road from Kalizan to Balol road Km 0/000 to 3/000, link road to village Panjlehar Km 0/000 to 1/500 & link road from Nihargalu to Jalot Km 9/000 to 14/000 in Distt. Kangra (H.P.).

Repair of port notes by providing practices and rectifying corrugated surface, damaged ance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged ance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged ance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged ance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged ance of materials within all leads and lifts and other incidental. Per square metre of pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, providing tack coat, square square square metre including carriage of materials within all leads and lifts and other incidental.	Quantity Rate In fig. in words 3 4 5 74.48 5 5 Square meters 1533.40 5 Square meters 1533.40 5		IOIAL: -	14				-
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Description Description Description Quantity In fig. In words for words A S OPer square of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged arvelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including square meters Of materials within all leads and lifts and other incidental. Onthe Clause Unit In fig. In fig. A S OPER square meters	Repair of pot holes by providing patch work. Description Description Description Quantity In fig. in words 6 ance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged ravelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including square metre of materials within all leads and lifts and other incidental. Repair of pot holes by providing patch work. Quantity In fig. in words 6 Per square metre							
Repair of por notes by proviuing purch. Description Description Description Description Per in words 6 Per ance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged ravelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including Square A ravelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including Square	Repair of pot holes by providing patch work. Description Description Description Personate of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged ravelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including Square Rate Unit In fig. In words 5 6 Personate rectifying corrugated surface, damaged 74.48 Rate Unit In words 6 Personate rectifying corrugated surface, damaged 74.48 Rate In words 6 Personate rectifying specification Clause 1906 as per direction of Engineer-in-Charge including Square Rate Unit In words 6 Rate In words 6 Personate rectifying specification Clause 1906 as per direction of Engineer-in-Charge including Square Rate In words 6 Personate rectifying specification Clause 1906 as per direction of Engineer-in-Charge including Square Rate In words 6 Rate In words 6 Personate rectifying specification Clause 1906 as per direction of Engineer-in-Charge including Square Rate In words 6 Personate rectifying specification Clause 1906 as per direction of Engineer-in-Charge including Square Rate In words In words Rate In words		Illono			meters	arriage of materials within all leads and lifts and other incidental.	carri
Repair of pot notes by proviuing parcial points. Description Description Description Quantity In fig. in words 6 Per Per Per Per Per Per Per	Repair of pot holes by providing patch work. Description Description 2 2 Per parce of WRM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged Repair of pot holes by providing patch work. Quantity In fig. in words 6 Per parce of WRM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged 74.48 Unit		Square			Square	does and ravelling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including	edge
Repair of pot notes by proviuing putch room. Quantity Quantity Rate Unit Description In fig. in words 6 2 3 4 5 6	Repair of pot holes by providing patch work.QuantityRateUnitDescriptionIn fig.in words6		Per			74.48	deintenance of WRM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged	Mair
Repair of pot notes by proviuing putch room. Description Quantity In fig. in words	Repair of pot holes by providing patch work. Description Quantity In fig. Unit In fig. In words	,	0	5	4	3	2	0.
Repair of pot notes by problems purch work. Quantity Rate Unit	Repair of pot holes by providing patch work. Description Quantity Rate Unit	7	-	in words	In fig.		Description	7
	n i Caralla La monidius natoli mork	Amour	Unit	Rate		Quantity		UB HEA

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

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

499950.00 10000.00 TWO MONTHS

NAME OF WORK:- Construction of link road from Jamaca to Than road in Distt Kangra (HP) SUB HEAD: - Providing and laying Soling, Wearing and Tarring in km 0/00 to 0/230

0	· v	4		2		. No.	SUE Sr.
	static roller in two milimetre binding mater compacting to specifications, specifications, and providing and surface with h	compacting to per direction o per direction o Providing, lay millimeter) Gi including spre	Providing, lay Grading-I size spreading in ustages to prope nominal size a cum (zero poir	Consolidation of rolling the sub-gother incidentals.	Preparation of depending upon leads and lifts a		St. St.
using mechanical means as per Technical Specification Clause 502, as per the direction of Engineer-Incharge including entire carriage of materials within all leads, lifts and other incidentals Providing and applying tack coat with Bitumen emulsion (RS-I) on the prepared granular surface treated with primer cleaned with Hydraulic brooms and spraying primer at the rate of 0.275 kg per sqm (zero decimal two seven five kilograms) per square metre using mechanical means as per Technical Specification Clause 503 and as directed by the Engineer-in-charge including carriage of material within all leads, lifts, height and other incidentals.	two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as per drawing and HP.PWD technical specifications, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals. Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer at the rate of 0.85 kg/sqm (Zero point eight five Kilogramme per square metre)	compacting to the required density as per technical specifications clause No. 405 and as per HPPWD technical specification and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidental. 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.	Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-I size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point zero eight cubic metre) per 10 Sqm (ten square meter) till up the interstices of coarse aggregate, watering and	Consolidation of sub grade with road roller including making good the undulation etcectra, with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications including entire carriage of materials within all leads and lifts and other incidentals.	Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications including entire carriage of materials within all leads and lifts and other incidentals.	3	Providing and laying Soling, Wearing and Tarring in km 0/00 to 0/250 Description
686.50 Square metres	686.50 Square	54.34 Cubic metres	72.45 Cubic metres	724.50 Square metres	724.50 Square metres	w	Quantity
						111 Jug.	
			,			5	Rate
Per Square metre	Per square	Per cubic metre	Per cubic metre	Per Square metre	Per Square metre	6	Unit
						7	Amount

TOTAL: -			T
Per Square metre	686.50 Square metres	Providing and laying premixed seal coat for scaling the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type B seal coat using VG-10 bitumen @ 6.80 kg (Six decimal eighty kilograms) mixed with 0.06 cum (Zero point zero six) cubic metre of fine aggregate for 10 sqm (Ten square metres) of road surface, heating and mixing of binder and aggregate in suitable plant, playing mecchanically and rolling with Power Road Roller 80-100 KN (Eighty-One hundred) static weight as per Technical Specification Clause 510 as per the direction of Engineer-Incharge, within all leads, lifts of materials and other incidentals as per the entire satisfaction and direction of Engineer-in-Charge.	~
Per Square metre	Square metres	A 13.2mm (Thirteen decimal two millimeter) to 5.6mm (Five decimal six millimetre) aggregate for wearing course including loading of aggregate with front end loader heating binder and aggregate in hot mix plant 30/40 (Thirty/Forty) Tonne per hour capacity transporting mixed material with tipper to site of work and laying to required grade and camber and rolling with power road roller 80-100 KN (Eighty-One hundred) static weight using 0.27 cum (Zero point twenty seven cubic metre) of graded stone aggregate mixed with 14.6 kg (Fourteen point six kilogram) of bitumen binder using VG-10 (Vilscosity Grade-Ten) grade per ten square metre of road surface but excluding the cost of Tack coat and seal coat inclusive of all corrective, measures such as repairing of pot holes, cleaning of cracks and laying of profile corrective Coarse for all depth, filling of depression for all depth and construction of super elevation and camber, where required as per technical specifications clause No. 508 including hauling of materials labour and equipment required to execute the work at site of work with in all leads and lifts, as per the entire satisfaction and direction of Engineer-in-Charge.	

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

ESTIMATED COST: -Rs.

331893.00 6650.00

EARNEST MONEY:-TIME LIMIT

THREE MONTHS

Construction of Retaining wall at RD = 0/060 to 0/070, Providing and laying 900mm dia RCC Hume Pipe culvert at RD 0/090 and Providing & laying cement concrete Pavement 0/000 to 0/090 Construction of link road to Gujjar Basti from Mehta Basti Chowk in Gf Balugaloa, Distt. Kangra (H.P.)

NAME OF WORK :-

						<u>.</u>
	Per Cubic meters		neters .	n 2.98 nd Cubic me vo te te te of of ial ons	and any other taxes imposed by the Government. Providing and laying mechanically mixed and vibrated for plain cement concretein open foundation complete using plain cement concrete grade M-15 (M-Fifteen) 1:2.5:5 (one cement: two point five sand Cubic meters five graded crushed stone aggregate) design mix with cement contents not less than 275kg (two including pumping or bailing out water; dewatering, removal of slush as required at site which may arrise at the time of laying under water complete for all heights/ depths as per drawings and MORD technical specification Clause 1105.1 including the cost of form work but excluding the cost of reinforcement for reinforced concrete work etcetra and curing complete including carriage of material reinforced specifications as per specifications, approved drawing, design, specifications 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 meters		neters	2.80 e Cubic mof	the Government. 2.80 Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:3:6 (One cement; three sand; six graded broken/crushed stone Cubic meters aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of aggregate 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	2
	Per Cubic meters		eters	25.15 Cubic me	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a any lead as directed by the Engineer-in-charge, within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royality, Malkana, Toll tax, sale tax, GST and any other taxes imposed by	
			4	u.	2	
7	5	In words	In fig.	Quantity	Description of items	S. No.
Amount	Unit	Rate			EAD :- Construction of Retaining wall at RD 0/000 to 0/0/0, FIOVICING and infinite Pavement 0/000 to 0/090	<u>SUB-HEAD</u>

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :-

AH AH

495328.00 9950.00 TWO MONTHS

NAME OF WORK:- Construction of Nihargalu Jalot road Km 0/000 to 14/000 in Distt. Kangra (H.P.). (Deposit work).

	TOTAL: -					
					compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate is inclusive of octroi, royality, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	
	metres		00	metres	grading, premixed with bituminous binder VG-10 (viscosity grade-1eft) $(0.5.5\%)$ (rive point rive) percent by weight of total mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired	
	Cubic				Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified	
	Per			35.55	Providing and laying 30mm (Thirty milimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix	4
					charge including carriage of material within all leads, lifts, height and other incidentals. The rate is inclusive of octroi, royality, Malkana, toll tax, sale tax or other taxes imposed by the Government and rectifying defects noticed within two years as per clause 35 (III) of standard bidding document.	
	metre		s 6	metres	per square metre using mechanical means as per Technical Specification Clause 503 and as directed by the Engineer-in-	
	Per		ŏ	1184.9	Providing and applying tack coat with Bitumen emulsion (RS-I) on the prepared granular surface treated with primer 1184.90 cleaned with Hydraulic brooms and spraying primer at the rate of 0.278 kg per som (zero decimal two seven five kilograms).	w
7	6	5	4	3	2	1
		in words	In fig.			No.
Amount	Unit	Rate	ty	Quantity	Description	Sr.
					SUB HEAD: - Providing and laying bitumenious concrete in various reaches between Km 1/000 to 5/000	SUB

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :-

495328.00 9950.00 TWO MONTHS

NAME OF WORK:-SUB HEAD: -Construction of Nihargalu Jalot road Km 0/000 to 14/000 in Distt. Kangra (H.P.). (Deposit work).

Providing and laying bitumenious concrete in various reaches between Km 5/000 to 10/000

				clause 35 (III) of standard bidding document.	
				compaction as per Mok I H specification clause No. 509 complete in all respect and as per direction of Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals. The rate is inclusive of octroi, royality, Malkana full tax sale tax or other taxes improved by the Covernment and positive defects within the contraction of the contracti	
				required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired	
			metres	grading, premixed with bituminous binder VG-10 (Viscosity grade-1en) @ 5.5% (Five point Five) percent by weight of total mix and filler, transporting the hot mix to work site. Javing with a hydrostatic paver finisher with sensor control to the	
			Cubic	Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified	
			35.55	Providing and laying 30mm (Thirty milimetres) thick bituminous concrete with 100-120 TPH batch type HMP (Hot Mix	4
				years as per clause 35 (III) of standard bidding document.	
				charge including carriage of material within all leads, lifts, height and other incidentals. The rate is inclusive of octroi,	
			metres	per square metre using mechanical means as per Technical Specification Clause 503 and as directed by the Engineer-in-	
Square			Square	cleaned with Hydraulic brooms and spraying primer at the rate of 0.275 kg per sqm (zero decimal two seven five kilograms)	
		0	1184.9	Providing and applying tack coat with Bitumen emulsion (RS-I) on the prepared granular surface treated with primer 1184.90	u
	5		w	2	
	in words	In fig.			No.
	Rate	y	Quantity	Description	Y.

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

TIME LIMIT

EARNEST MONEY: -ESTIMATED COST: -

AH AH

499797.00 10000.00

TWO MONTHS

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

No. SUB-HEAD :-2 specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty and other incidentals. technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type Providing and laying cement concrete pavement road in Km 0/260 to 0/420 Description of items Quantity 37.26 Cubic 75.60 Cubic meters metres In fig. In words TOTAL :metres Cubic metre cubic Per Per Unit 0 Amount

H.P.P.W.D., Division,

Tanda at Nagrota Bagwan

ESTIMATED COST: EARNEST MONEY: -

TIME LIMIT

THREE MONTHS

499897.00 10000.00

NAME OF WORK:-Special અને જિલ્લામાં જિલ્લામાં Helath Centre at Dhaloon in Tehsil Nagrota Bagwan, Distt Kangra (HP) Deposit work.

N w other incidentals. and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and Providing and laying 600x600mm (Six hundred intio six hundred millimetres) thick vitrified floor tiles in different sizes Providing and laying Coursed rubble masonry (second sort) with hard stone in foundation & plinth with Cement millimetres) nominal size thickness complete as per HPPWD technical specification and as directed by the Engineer Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering of materials within all leads, lifts and other incidentals thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge complete including entire carriage Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required materials within all leads, lifts and other incidentals mortar 1:6 (One cement : Six coarse sand) complete as per directed by the Engineer- Incharge, including carriage of All work up to plinth level 1:2:4 (One cement : Two coarse sand) : Four graded stone aggregate 20 mm (Twenty Providing and fixing 35 mm (Thirty five millimetres) thick second class deodar wood shutterspanelled or panelled Providing anf fixing Sal wood work in frames of doors, windows, clerestory windows and other frames, wrought framed including applying a priming coat of red lead paint within all leads and lifts and other incidentals. approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (I cement: 4 coarse sand), jointing with thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of Incharge including carriage of materials within all leads, lifts and other incidentals. and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with other incidentals. shall be paid for separately) complete including applying a priming coat of red lead paint within all leads and lifts and and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete drawing, design and as directed by the Engineer-in-charge. necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineerincharge including carriage of material within all leads, lifts and other, incidentals as per specifications, approved Repair of existing building in Civil work including water supply and sanitary installation etc; Description of items Quantity meters Cubic Cubic meters Cubic Cubic meters 1.77 metres Square meters 2.31 1.62 meters Cubic metres Square 38.11 1.53 0.08 3.78 In Jig RATES In words cubic cubic cubic metre metre cubic Unit sqaure metre Per metre sqaure cubic metre Per metre Per Per metre Per Per Per Amount

	13	12	11	10	9	~ <u>~</u>	
14 Pro me co pro wi							1
Providing and fixing 0.60mm (Zero decimal Six Zero milimetres) thick prepainted sheet in roofing with hot dipped metalic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six milimetres) diametres with prepainted limpet and rubber washers complete with all accessories as required including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives complete New work (Two or more coats applied @ 1.43 litre/ 10 sqm (Zero point forty three liter / Ten square metre). Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm (Zero point ninety liter / Ten square metre)including entire carriage of materials within all leads, lifts and other incidentals	Providing and applying white cement based putty of average thickness 2 mm thick, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete complete as per direction of Engineer-in- Charge including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design.	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all With cement mortar 1:4 (1 cement : 4 fine sand) complete as per direction of Engineer-in- Charge including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design.	Providing and fixing 100mm (One hundred millimetres) nominal size aluminium handles anodized transparent or dyed to required colour or shade with necessary screws etc. 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.	Providing and fixing 150x10mm (One hundred fifty into Ten millimetres) nominal size aluminium Pilot/sheel or equivalent anodized transparent or dyed to required colour and shade with necessary screws etc. Tower bolts (Barrel type) bright finished with nuts and screws etc; 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.	Providing and fixing 300x16mm (Three hundred into Sixteen millimetres) size aluminium IS make 1868 sliding door bolts anodized transparent or dyed to required colour and shade with necessary screws etcetera 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.	
Square metres	13.98 Square metres	13.98 Square metres	Square metres	4 Numbers	6 Numbers	2 Numbers	w i
						4	,
	-						
						·	
S		n sc	sq _			E	
Per square metre	Per square metre	rer sqaure metre	sqaure metre	Each	Each	Each	9
							7

TOTAL :-	Ti				T
			q	material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge.	
Per kilogra			2126.19 Kiloorams	17 Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, 2126.19 Listing frame in recition and applying a priming coat of approved steel primer all complete including carriage of Kilograms	, 17
Per square metre			61.28 Square metres	Providing and fixing 4mm (Four millimetre) thick plain asbestos cement sheet ceiling of approved quality with but jointing and wood screws (frame work and cover fillets to be measured and paid for separately)complete as directed by the Engineer-in-charge including entire carriage of materials within all leads, lifts and other incidentals.	16
			metres	(RNP) organic coating of 20 (Tweny) microns over 5 (Five) microns primer coating to back coat of polyster of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks, bolts and nuts 6mm (Six millimeters) diameters with prepainted G.I. limpet and bitumen washers complete with all accessoriees as required including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	
Per running			24.35 Running	15 Providing and fixing ridges or hips 60cm (Sixty centimeters) over all with 0.60mm (Zero point Sixty millimeters) thick prepainted sheet roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster Runnin	15
6	S	4	w	2	1

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

No.

NAME OF WORK :-SUB-HEAD :-

ESTIMATED COST: -

Rs.

499932.00 10000.00 TWO MONTHS

EARNEST MONEY:TIME LIMIT :-

	TOTAL :-	7			by Engineer-Incharge inchange contracts
	metre			Cubic metres	Backfilling with granular material benning administration, wing war and HP.PWD technical specifications and as directed specification Clause 1204.3.8, granular material as per drawing and HP.PWD technical specifications and as directed specification. The background in Clause of material within all leads, lifts and other incidentals.
	Per			32.20	Incharge including carriage of materials Willill all leads, lines and return wall complete as per drawings and technical
	III ou o			metres	face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-
	running		04	Running	Providing weepholes in brick masonry/stone masonry, plantifermoters with slope of 1(V):20(H) towards drawing
	Per			63.50	carriage of material within all leads, lifts and other incidentals.
				Illettes	nominal size) as per drawing and HP.PWD technical specifications and as directed by Engineer-Inchage including
	metre			THE W	Providing and laying in position cement concrete of specific graded stone aggregate 40 mm (Forty millimetres work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded stone aggregate 40 mm (Forty millimetres)
	Per			121.45	other incidentals.
					of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and
	metre			meters	exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on pian), including creaming or save exceeding 1.5m (One point five metre), including getting out the excavated soil and disposal
	cubic			35.10	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not
7	6	5	4	w	2
1		In words	In fig.	,	Description of items
Amount	Unit	Rate		Quantity	
		2/225 to 2/242 and C/O Edge wall at RD 1/225 to 1/245)/242 and C/0	2/225 to 2	ME OF WORK : - Construction of link road from Sadoon to Akrana Km 0/000 to 3/180 in Distt. Kangra (H.P.).

4

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

Tanda at Nagrofa Bagwan.