#### HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

\*\*\* Notice Inviting Tender \*\*\*

Sealed item rate tender on form No. 6 & 8 are hereby invited by the Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan on behalf of Governor of Himachal Pradesh for the following work from the approved and eligible contractors enlisted in HP PWD (B & R) whose registration stood renewed as per revised rules so as to reach in his office on or before on 17.07.2022 up to 11:00 A.M. And the same shall be opened on the same day at 11:30 A.M. in the presence of intending contractors or their authorized representatives. The tender form can be obtained from his office on cash payment (non refundable) on 16.07.2022 up to 4:00 P.M and the application for issue of tender form shall be received on 12.07.2022 up to 12:00 noon. The applications for issue of tender forms accompanied with enlistment letter or renewal letter and the earnest money in the shape of National Saving Certificates/Saving Account of the Post Office /Time Deposit account/FDR in Himachal Pradesh duly pledged in favour of Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan.

The conditional tender and the tender received without earnest money will

summarily be rejected. The offer of the tender shall be kept open for 120 days.

Sr. No.	Name of work	Estimated Cost	Earnest Money	Time limit
1	Improvement of black spot on Kahanphatt Torto road in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 0/235 to /255).	499669/-	10000/-	Three months
2	Annual repair and maintenance of link road from Nagrota Baldhar Dhaloon road in Distt Kangra (HP) (SH:-Balance work of Improvement of curves and culvert at RD 1/075(Near Madan Mohan Malviya School).	328869/-	6600/-	Two months
3	Improvement of Black spots on Sunehar Mundla road Km 0/000 to 3/000 in Distt Kangra (HP) (SH:-Construction of retaining wall at RD 2/400 to 2/420 including W-metal Beam crash Barrier etc;)	445023/-	8900/-	Three months
4	Restoration of rain damages on Tangh Uthragran Ramehar Shiund Baldhar road Km 0/000 to 6/500 in Distt Kangra (HP) (SH:-Construction of U-shape drain at RD 2/200 to 2/605).	499888/-	10000/-	Three months
5	Restoration of rain damages on Tangh Uthragran Ramehar Shiund Baldhar road Km 0/000 to 6/500 in DIstt Kangra (HP) (SH:-Construction of .00 mtr span RCC culvert at RD 3/600).	311587/-	6250/-	Three months
6	Construction of link road Busal to Kharat in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/600 to 0/764).	499820/-	10000/-	Three
7	Construction of link road to village Dehru in Distt Kangra (HP) Deposit work (SH:-Providing and laying cement concrete pavement road in Km 0/300 to 0/464).	499820/-	1.0000/-	Three months
8	Construction of link road to Shaheed Anil Kumar house in Chandrot in Distt Kangra (HP) (SH:-Providing and laying cement concrete pavement road in Km 0/500 to 0/664).	499820/-	10000/-	Three
9	Construction of link road to village Dehru in Distt Kangra (HP) (Deposit work (SH:-Providing and laying cement concrete pavement road in Km 0/464 to 0/628).	499820/-	1,0000/-	Three
10	Rain Shelter on Yol to 53 Miles road km0/000 to 10/550 in DIstt Kangra (HP) (SH:-Repair of rain shelter at RD 5/100, 6/810 and 10/450).	425463/-	8550/-	Two months
11	Annual repair & maintenance of Non Residential Building under HPPWD Sub-Division Nagrota Bagwan in Distt Kangra (HP) (SH:-Providing and laying floor tiles, painting and other repair etcetera in JE Office building at Baldhar).	116394/-	2350/-	Three month
12	Restoration of rain damages on Yol 53 mile road km 0/000 to 10/500 in Distt Kangra (HP) (SH:-Construction of U-shape drain between Km 5/45 to 5/240).	259148/-	5200/-	Three
13	Repair and maintenance of link road from G.P.S. Kawari Bassi House 0/000 to 0/100 (Ramesh Chand House) in G.P. Kawari in Distt Kangra (HP) (SH:-Providing and laying interlocking paver block pavement road Km 0/000 to 1/000).	311490/-	6250/-	Two month



14	Construction of link road to village Bhadrehar in Distt Kangra (HP) (SH:-Construction of retaining wall providing and laying cement concrete pavement road and road side drain etc;)	499982/-	10000/-	Three months
15	Construction of link road to Shamshan Ghat Sunehar in DIstt Kangra (HP) (SH:-Providing and laying cement concrete	402635/-	8100/-	Two months
	pavement road).			

1. The contractor/firm should be registered as or dealer GST No. or EPF No.

 The intending contractor / firm have to produce the copy of latest enlistment and renewal enlisted in HPPWD.

3. If any of the date mentioned above happened to be Gazetted Holidays the same shall be processed on next working day.

4. The Executive Engineer reserve s the right to accept/reject any tender/application or all tenders without assigning any reason.

5. The Contractor will have to submit affidavit along with application for issue of tender that he has not more than two works in hand.

6. Next tender will be issued only after completion of previous works in hand.

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

#### HIMSUCHANA AVAM & JAN SAMPARK

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

No.PW/NBD/Tender/2022/

5819-48

Dated/

28/7/2022

Copy to the following for information and necessary action:-

- 1. The Principal Secy. (PW) to the Govt. of H.P. Shimla.
- 2. The Engineer-in-Chief, HPPWD, Shimla.
- 3. The Chief Engineer (KZ), HPPWD, Dharamshala.
- 4. The Director, Information & Publications Department, H.P. Shimla
- 5. The Superintending Engineer, 5<sup>th</sup> Circle, HPPWD, Palampur.
- 6. The Principal, Dr. RPGMC, Tanda.
- 7. The Executive Engineer (IT), Nigam Vihar Shimla 2 for information. He is requested to upload the same on the departmental website.
- 8. The Deputy Commissioner, Kangra at Dharamshala.
- 9. All the S.E.s/E.E.s under North Zone.
- 10. The Sub-Divisional Officer (C) Nagrota Bagwan.
- 11. The Block Development Office Nagrota Bagwan
- 12. All the Assistant Engineer under this Division.
- 13. The Drawing /Accounts Branch in this office.
- 14. The Contractors concerned.
- 15. Notice Board.

Executive Engineer

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

at Nagrota Bagwan

SUB HEAD : -NAME OF WORK :-Improvement of black spots on Kahanphatt Toru road in Distt. Kangra (H.P.). Construction of Retaining wall at RD 0/235 to 0/255

TIME LIMIT **EARNEST MONEY:-**Rs. THREE MONTHS 499669.00 10000.00

ESTIMATED COST: -

	TOTAL .	Tro			
				Incharge including carriage of material within all leads, lifts and other incidentals.	
	metre		metres	complete as per drawing and HP.PWD technical specifications and as directed by Engineer-	
	cubic		Cubic	layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering	
	Per		22.42	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in	S
	metre		metres	including carriage of materials within all leads, lifts and other incidentals.	
	cubic		Cubic	specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge	
	Per		14.11	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical	4
				within all leads, lifts and other incidentals.	
				clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials	
				slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications	
			Numbers	wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with Numbers	
	Each		18	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing	w
				lifts and other incidentals.	
				specifications and as directed by Engineer-Incharge including carriage of material within all leads,	
	metre		metres	stone aggregate 40 mm (Forty millimetres nominal size) as per drawing and HP.PWD technical	
	cubic		Cubic	and shuttering - All work up to plinth level 1:5:10 (One cement : Five coarse sand : Ten graded	
	Per		101.80	Providing and laying in position cement concrete of specified grade including the cost of centering	2
				incidentals.	
				directed by Engineer-Incharge including carriage of material within all leads, lifts and other	
				excavated suitable material complete as per drawing and HP.PWD technical specifications and as	
	metre		meters	material and disposal upto any lead, dressing of sides and bottom and backfilling in trenches with	
	cubic		Cubic	including setting out, construction of shoring and bracing, removal of stumps and other deleterious	
	Per		19.35	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1	I
7	6	4 5	w	2	1
		In fig. In words			o.
Amount	Unit	Rate	Quantity	Description of items	S
				. Comment of account of the comment	

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

Tanda at Nagrota Bagwan.

TIME LIMIT ESTIMATED COST: -Rs. TWO MONTHS 328869.00 6600.00

**EARNEST MONEY:-**

NAME OF WORK :-SUB HEAD : -Annual repair and maintenance of link road from Nagrota Baldhar Dhaloon road in Distt. Kangra (H.P.) Balance work of Improvement of curves and culvert at RD 1/075 (Near Madan Mohan Malviya School).

	TOTAL:-				
	Per cubic metre		30.60 Cubic meters	Providing and laying concrete for plain reinforcement concrete in open foundation including centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	· ·
	Per cubic metre		Cubic metres	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	4
	Each		umbers	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	w
	Per cubic metre		28.45 Cubic metres	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 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.	2
	Per cubic metre		12.53 Cubic meters	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 9Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	1
	6	5	3 4	2	1
		g. In words	In fig.		Zo.
Amount	Unit	Rate	Quantity	Description of items	s

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

Rs.

445023.00 8900.00

THREE MONTHS

NAME OF WORK: - Improvement of Black Spots on Sunchar Mundla and Mand Km 0/000 to 3/000 in Distt. Kangra (H.P.).

Construction of Paralising wall at PD 2/400 to 2/420 including W-Matal Room Crack Rarrier atc.

	TOTAL:-	T			
	metre		metres	post, 150x75x5mm (One hundred fifty into sesventy five into five millimetres) spaced 2 metres (I wo metres) center to center, 1.80 metres high, (One point eight zero), 1.10 metres (One point one zero metre) below ground/road level all steel parts and fitments to be galvanized by hot dip process. All fittings to confirm to IS; 1367 and IS; 1364, metal beam rail to be fixed on the vertical post with a space of channel section 150x75x5mm (One hundred fifty into sesventy five into five millimetres), 330mm (Three hundred thirty millimetres) long complete as per Clause 810 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	
	Per		20.00 Running	Providing and erecting a W-Metal Beam Crash Barrier comprising of 3mm (Three millimetres) thick corrugated sheet metal beam rail, to be kept 70 cm (Seventy centimetres)above road/ground level, fixed on ISMC series channel vertical	7
	cubic metre		Cubic metres	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	4
	Per running metre		68.15 Running metres	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia PVC pipe extending through the full width of the structures with slope of 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.	w
	Per cubic metre		72.80 Cubic metres	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 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.	12
	Per cubic metre		Cubic meters	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 9Ten square metre) on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead including entire carriage of materials within all leads, lifts and other incidentals.	7
7	6	4 5	w	2	1
Amount	Onit	In fig. In words	Quantity	Description of items	s s
		1	rier etc;	SUB HEAD : - Construction of Retaining wall at RD 2/400 to 2/420 including W-Metal Beam Crash Barrier etc;	SUB I

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

ESTIMATED COST: - EARNEST MONEY: -

**44 44** 

499888.00 10000.00 THREE MONTHS

TIME LIMIT

SUB-HEAD :-   Construction of U-Shape drain at RB 2/200 to 2/605		TOTAL :-	7			
Construction of U-Shape drain at RD 2/200 to 2/605    Description of items   Description of		metre		netres		<b>-</b> : 0: 1:
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items  Description of items  Description of items  Description of items  Quantity  Rate  In Mords  A  S  Wintig.  In fig.  In fig.  In words  A  S  Were the words  A  S  White the words  Cubic cubic metres getting out the excavated soil and disposal of surplus excavated soils as directed, within cluding entire carriage of materials within all leads, lifts and other incidentals.  Description of items  Quantity  In fig.  In fig.  In fig.  In words  A  S  Per  Cubic metres  metres  metres  metres  metres  per  cubic metres  metres  getting out the excavated soil and disposal of surplus excavated soils as directed, within cluding entire carriage of materials within all leads, lifts and other incidentals.  Per  Per		cubic		ubic		10
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items  Description of items  2  a Work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches receding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on leading dressing of sides and ramming of bottoms, lift upto 1.5 m (One point five metre), meters retting out the excavated soil and disposal of surplus excavated soils as directed, within cluding entire carriage of materials within all leads, lifts and other incidentals.  Cubic metre receding 1.5m (One point five metre), meters retting out the excavated soil and disposal of surplus excavated soils as directed, within recent receding the provided receding the recent receding the		Per		)8.37	Providing and laying in position cement concrete of specified grade including the cost of centering and	
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items  Description of items  Quantity In fig. In words  Mate In words  Mate In words  Cubic In grain Name of the structure of					any lead including entire carriage of materials within all leads, lifts and other incidentals.	•
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items  Description of items  Quantity In fig. In words  work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches on Cubic  not exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on Cubic  Construction of U-Shape drain at RD 2/200 to 2/605  Rate  Unit In fig.  S  4  5  Per  Cubic		metre		eters		
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items  Description of items  Quantity Infig.  In words  4  S  Per  Nork by mechanical means (Hydraulic excavator)/ manual means in foundation trenches  Rate  Per  Per		cubic		ubic	or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm 9Ten square metre) on	_
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items  2  Quantity In fig. In words  6		Per		8.15	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches	1 ]
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items    Quantity   Rate   In fig.   In words   In the words   In th	7	6	4 5	3	2	1
Construction of U-Shape drain at RD 2/200 to 2/605  Description of items  Quantity  Rate  Unit				In		No.
5	Amount	Unit	Rate	antity		Š
			oo to o/200 iii Distr. Mangi a (11.1.).	ad Mil oro	5	SUB-1

Executive Engineer,

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

Tanda at Nagrota Bagwan.

ESTIMATED COST: EARNEST MONEY: -

311587.00 6250.00 THREE MONTHS

NAME OF WORK Restoration of rain damages on Tangh Uthragran Ramehar Shiund Baldhar road Km 0/000 to 6/500 in Distt. Kangra (H.P.).

SUB HEAD Construction of 1.00mtr span RCC culvert at RD 3/600 TIME LIMIT

	Г	1		T	Υ	1	1	_•	—,
7		U,	4	tw	2	1	-	No.	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.	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4.8 (One Cement: Four coarse sand): Eight graded stone aggregate 40 mm (Forty millimetres) nominal siz as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a 481.00 priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, Kilogram railings, brackets, gates and similar works as per approved drawing, design and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level: 1:1.5:3 (One cement: One and Half coarse sand: Three graded stone aggregate 20mm (Twenty millimetre) nominal size) as per approved drawing, design and as directed by the Engineer-in-Charge, including entire carriage of materials within all leads, lifts and other incidentals.	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 20mm (Twenty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering .Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metres) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50m (fifty meters), dressing of sides and bottom and backfilling in trenches with excavated suitable material as directed by the Engineer-Incharge, including carriage of materials within all leads lifts and other incidentals.	2		Description of items
20.18 Cubic metres	0.69 Cubic metres	481.00 Kilogram	5.38 Cubic meters	16.24 Cubic meters	1.83 Cubic metres	35.77 Cubic metres	w		Qty
							4	In fig	
							5	In words	Rate
Per cubic metre	Per cubic metre	Per kilo- gram	Per cubic metre	Per cubic metre	Per cubic metre	Per cubic metre	6		Unit
							7		Amount

	TOTAL:-			Γì
-	cubic	<u> </u>	backfilling behind abutment, wing wail and return wail complete as per drawings and technical specification clause 1204.3.8, granular material complete as directed by the Engineer-Incharge including carriage of materials within all cubic leads, lifts and other incidentals.	ν.
	;		including carriage of materials within all leads, lifts and other incidentals.	
			complete as per drawing and technical specifications clauses 614, 709, 1204.3.7 as directed by the Engineer-Incharge	
		bers	100 mm dia PVC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face Number	· ·
	Each		8 Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with	∞

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

Rs.

s. 499820.00 s. 10000.00 THREE MONTHS

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

	TOTAL:-	To					
	cubic				specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.		
	Per			77.49	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical	2 P	1
	Per Cubic metres			38.75 Cubic metres	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter)  Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	ро <u>в</u> рн. 6 Р	
7	6	5	4		2	1	
		In words	In fig			No.	
Amount	Unit	Rate		Quantity	Description of items	s.	_
					SUB HEAD : - Providing and laying cement concrete pavement road in Km 0/600 to 0/764	SUB H	150

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

ESTIMATED COST: -

Rs. Rs.

s. 499820.00 s. 10000.00 THREE MONTHS

TIME LIMIT **EARNEST MONEY: -**

NAME OF WORK :-

Construction of link road to Shaheed anil Kumar House in Chandrot in Distt. Kangra (H.P.). Providing and laying cement concrete pavement road in Km 0/500 to 0/664

		2		7	No.	S
	specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nonmal mix 1:2:4 (One cement: Iwo sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	2		Description of items
	Cubic	_	38.75 Cubic metres	3		Quantity
				4	In fig	
				5	In words	Rate
TOTAL:-	metre	Per	Per Cubic metres	6		Unit
				7		Amount

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

ESTIMATED COST: EARNEST MONEY: -

Rs.

s. 499820.00 s. 10000.00 THREE MONTHS

NAME OF WORK :-

Construction of link road to village Dehru in Distt, Kangra (H.P.), DEPOSIT WORK.

Providing and Javing cement concrete payement road in Km 0/300 to 0/464 TIME LIMIT

	TOTAL:-	7				
	cubic metre			Cubic meters	specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	
	Per Cubic metres			38.75 Cubic metres	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimetres) nominal size at the rate of 0.22 cum (zero point twenty two) cubic metres per 10 sqm (per ten square metres) and binding material at the rate 0.06 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	
7	6	5	4	3	2	
		In words	In fig			No.
Amount	Unit	Rate		Quantity	Description of items	Š

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT : Rs. t. 499820.00 t. 10000.00 THREE MONTHS

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

Providing and laying cement concrete pavement road in Km 0/464 to 0/628

ming varings of materials whill all leads and litts and other includinals.	iding carriage of materials within all leads and lifts and other incidentals.	Tuning can rage of materials whith all reads and hits and other incidentals.	G G G G G G G G G G G G G G G G G G G	보기 보기 시간 시간 시간 시간 생생님은 100 시간			
rigge of materials within all leads and life and other incidentals	The state of the s	sions of motorials and the state of the stat					HICKELS
1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (4 40mm (Forty millimetres) thickness as per HPPWD technical specifications.	1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: 40mm (Forty millimetres) thickness as per HPPWD technical specification and i	1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Fou 40mm (Forty millimetres) thickness as per HPPWD technical specification and as directed by the					Cubic
for plain reinforcement concrete in open foundation complete as	for plain reinforcement concrete in open foundation complete as per drawi	for plain reinforcement concrete in open foundation complete as per drawing and technical	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical 77.49				77.49
ing carriage of materials within all leads and lifts and o	ing carriage of materials within all leads and lifts and other inciden	ing carriage of materials within all leads and lifts and other incidental.	ing carriage of materials within all leads and lifts and other incidental.	ing carriage of materials within all leads and lifts and other incidental.	ing carriage of materials within all leads and lifts and other incidental.	ing carriage of materials within all leads and lifts and other incidental.	ing carriage of materials within all leads and lifts and other incidental.
terstices of coarse aggregate, watering and compactarriage of materials within all leads and lifts and o	terstices of coarse aggregate, watering and compacting to the rarriage of materials within all leads and lifts and other inciden	cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density a per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	ired dens	terstices of coarse aggregate, watering and compacting to the required density as carriage of materials within all leads and lifts and other incidental.	terstices of coarse aggregate, watering and compacting to the required density as carriage of materials within all leads and lifts and other incidental.	terstices of coarse aggregate, watering and compacting to the required density as carriage of materials within all leads and lifts and other incidental.	terstices of coarse aggregate, watering and compacting to the required density as carriage of materials within all leads and lifts and other incidental.
etres per 10 sqm (per ten square metres) and bis stices of coarse aggregate, watering and compac	etres per 10 sqm (per ten square metres) and binding mater stices of coarse aggregate, watering and compacting to the r	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 0.0 cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density a	etres per 10 sqm (per ten square metres) and binding material at the rate 0.06 stices of coarse aggregate, watering and compacting to the required density as	etres per 10 sqm (per ten square metres) and binding material at the rate 0.06 stices of coarse aggregate, watering and compacting to the required density as	etres per 10 sqm (per ten square metres) and binding material at the rate 0.06 stices of coarse aggregate, watering and compacting to the required density as	etres per 10 sqm (per ten square metres) and binding material at the rate 0.06 stices of coarse aggregate, watering and compacting to the required density as	etres per 10 sqm (per ten square metres) and binding material at the rate 0.06 stices of coarse aggregate, watering and compacting to the required density as
reening type-A of size 13.2mm (thirteen point es per 10 sqm (per ten square metres) and bit	reening type-A of size 13.2mm (thirteen point two millime es per 10 sqm (per ten square metres) and binding materi	reening type-A of size 13.2mm (thirteen point two millimetres) nominal sizes per 10 sqm (per ten square metres) and binding material at the rate 0.0	proper grade and camber applying and brooming, stone screening type-A of size 13.2nm (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	reening type-A of size 13.2mm (thirteen point two milimetres) nominal size es per 10 sqm (per ten square metres) and binding material at the rate 0.06	reening type-A of size 13.2mm (thirteen point two milimetres) nominal size es per 10 sqm (per ten square metres) and binding material at the rate 0.06	reening type-A of size 13.2mm (thirteen point two milimetres) nominal size es per 10 sqm (per ten square metres) and binding material at the rate 0.06	reening type-A of size 13.2mm (thirteen point two milimetres) nominal size es per 10 sqm (per ten square metres) and binding material at the rate 0.06
with three wheel 80-100 (eighty-Hundred) rening type-A of size 13.2mm (thirteen point to the court of the cou	with three wheel 80-100 (eighty-Hundred) K.N. static rening type-A of size 13.2mm (thirteen point two millime	with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages the coning type-A of size 13.2mm (thirteen point two millimetres) nominal sizes the control of the co	with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to metres rening type-A of size 13.2mm (thirteen point two millimetres) nominal size	es to size	es to size	es to size	es to size
th three wheel 80-100 (eighty-Hundred) in type-A of size 13.2mm (thirteen point	th three wheel 80-100 (eighty-Hundred) K.N. static to type-A of size 13.2mm (thirteen point two millime	th three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to the three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to the stages of					netres
ree wheel 80-100 (eighty-Hundred)	ree wheel 80-100 (eighty-Hundred) K.N. static	ness] to water bound Macadam specification including spreadin ree wheel 80-100 (eighty-Hundred) K.N. static roller in stages t	Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading Cubic in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to metres		ness] to water bound Macadam specification including spreading Cubic ree wheel 80-100 (eighty-Hundred) K.N. static roller in stages to metres	ress] to water bound Macadam specification including spreading Cubic ree wheel 80-100 (eighty-Hundred) K.N. static roller in stages to metres	Cubic
heel 80-100 (eighty-Hundred) of size 13.2mm (thirteen point (per ten square metres) and biggregate, watering and compact within all leads and lifts and compact the square metres of the square metres and compact the square metres and compact the square metres are square metres.	heel 80-100 (eighty-Hundred) K.N. static of size 13.2mm (thirteen point two milime (per ten square metres) and binding materiggregate, watering and compacting to the rewithin all leads and lifts and other inciden	to water bound Macadam specification including spreadin heel 80-100 (eighty-Hundred) K.N. static roller in stages to of size 13.2mm (thirteen point two millimetres) nominal size (per ten square metres) and binding material at the rate 0.0 ggregate, watering and compacting to the required density a within all leads and lifts and other incidental.	to water bound Macadam specification including spreading heel 80-100 (eighty-Hundred) K.N. static roller in stages to of size 13.2nm (thirteen point two milimetres) nominal size (per ten square metres) and binding material at the rate 0.06 ggregate, watering and compacting to the required density as within all leads and lifts and other incidental.	to water bound Macadam specification including spreading Cubic heel 80-100 (eighty-Hundred) K.N. static roller in stages to metres of size 13.2mm (thirteen point two millimetres) nominal size (per ten square metres) and binding material at the rate 0.06 ggregate, watering and compacting to the required density as within all leads and lifts and other incidental.	to water bound Macadam specification including spreading Cubic heel 80-100 (eighty-Hundred) K.N. static roller in stages to metres of size 13.2mm (thirteen point two millimetres) nominal size (per ten square metres) and binding material at the rate 0.06 ggregate, watering and compacting to the required density as within all leads and lifts and other incidental.	to water bound Macadam specification including spreading Cubic heel 80-100 (eighty-Hundred) K.N. static roller in stages to metres of size 13.2mm (thirteen point two millmetres) nominal size (per ten square metres) and binding material at the rate 0.06 ggregate, watering and compacting to the required density as within all leads and lifts and other incidental.	Cubic metres
r bound Macadam spe 100 (eighty-Hundred) 13.2mm (thirteen point square metres) and bit square metres) and bit , watering and compact all leads and lifts and compact all leads and lifts and complete as nominal mix 1.2:4 (C	r bound Macadam specification in 100 (eighty-Hundred) K.N. static 13.2mm (thirteen point two milline square metres) and binding materi, watering and compacting to the r all leads and lifts and other inciden all leads and lifts and other drawing mominal mix 1.2.4 (One cement:	r bound Macadam specification including spreadin 100 (eighty-Hundred) K.N. static roller in stages to 13.2mm (thirteen point two millimetres) nominal sizes a square metres) and binding material at the rate 0.0 watering and compacting to the required density a all leads and lifts and other incidental.  all leads and lifts and other incidental.  undation complete as per drawing and technical mominal mix 1:2:4 (One cement: Two sand: Four power of the compact and the stage of the stage	r bound Macadam specification including spreading Cubic 100 (eighty-Hundred) K.N. static roller in stages to 13.2mm (thirteen point two millimetres) nominal size square metres) and binding material at the rate 0.06 watering and compacting to the required density as all leads and lifts and other incidental.  all leads and lifts and other incidental.  77.49 nominal mix 1.2:4 (One cement: Two sand: Four Cubic DWD technical specification and as discorted by the	r bound Macadam specification including spreading Cubic 100 (eighty-Hundred) K.N. static roller in stages to 13.2mm (thirteen point two millimetres) nominal size square metres) and binding material at the rate 0.06 , watering and compacting to the required density as all leads and lifts and other incidental.  undation complete as per drawing and technical pundation size of the required density as and the stage of the	r bound Macadam specification including spreading Cubic 100 (eighty-Hundred) K.N. static roller in stages to 13.2mm (thirteen point two milimetres) nominal size square metres) and binding material at the rate 0.06 , watering and compacting to the required density as all leads and lifts and other incidental.  undation complete as per drawing and technical pundation size of the required density as and stages of the stage of the stag	r bound Macadam specification including spreading Cubic 100 (eighty-Hundred) K.N. static roller in stages to 13.2mm (thirteen point two milimetres) nominal size square metres) and binding material at the rate 0.06 , watering and compacting to the required density as all leads and lifts and other incidental.  undation complete as per drawing and technical pund technical specification and as directed by the	Cubic metres  77.49  Cubic Cub
-Hundred) rteen point res) and bit nd compac lifts and compac lifts and compac lifts and compac lifts and compac cal specifical specifical	ceatam spectification in ceatam spectification in Hundred) K.N. static received point two millime ers) and binding materind compacting to the relation and other inciden lifts and other inciden in the same of the relation and its 1:2:4 (One cement: ical specification and its 1:3:4 (One cement: ical specification and its 1:4 (One cement: ical specification and ical specifica	cadam specification including spreadin Hundred) K.N. static roller in stages t rteen point two milimetres) nominal sizes) and binding material at the rate 0.0 nd compacting to the required density a lifts and other incidental.  I lifts and other incidental.  In plete as per drawing and technical in the required density a lifts and other and the required density a lifts and other incidental.	cadam specification including spreading -Hundred) K.N. static roller in stages to rtcen point two millimetres) nominal size es) and binding material at the rate 0.06 nd compacting to the required density as lifts and other incidental.  Inplete as per drawing and technical x 1:2:4 (One cement: Two sand: Four cal specification and as directed by the meters	cadam specification including spreading -Hundred) K.N. static roller in stages to rteen point two millimetres) nominal size res) and binding material at the rate 0.06 nd compacting to the required density as lifts and other incidental.  Inplete as per drawing and technical x 1.2.4 (One cement: Two sand: Four cal specification and as directed by the meters	cadam specification including spreading -Hundred) K.N. static roller in stages to rteen point two millimetres) nominal size res) and binding material at the rate 0.06 nd compacting to the required density as lifts and other incidental.  Inplete as per drawing and technical x 1.2.4 (One cement: Two sand: Four cal specification and as directed by the meters	cadam specification including spreading -Hundred) K.N. static roller in stages to rteen point two millimetres) nominal size res) and binding material at the rate 0.06 nd compacting to the required density as lifts and other incidental.  Inplete as per drawing and technical x 1:2:4 (One cement: Two sand: Four cal specification and as directed by the meters	Cubic metres  77.49 Cubic meters
5.0 .	K.N. static K.N. static K.N. antilime ding materi ing to the r her inciden per drawi ne cement:	itication including spreadin K.N. static roller in stages to two millimetres) nominal sized ding material at the rate 0.0 ing to the required density a her incidental.  Two sand: Four action and as directed by the static roller including sand including sand as directed by the sation and as directed by the static roller in stages.	ification including spreading Cubic K.N. static roller in stages to metres two milimetres) nominal size ding material at the rate 0.06 ing to the required density as her incidental.  The density as her incidental.	ification including spreading Cubic K.N. static roller in stages to metres two millimetres) nominal size ding material at the rate 0.06 ing to the required density as her incidental.  her incidental.  77.49  per drawing and technical Cubic meters ation and as directed by the meters	ification including spreading Cubic K.N. static roller in stages to metres two milimetres) nominal size ding material at the rate 0.06 ing to the required density as her incidental.  The density as the incidental of the incident	ification including spreading K.N. static roller in stages to metres two millimetres) nominal size ding material at the rate 0.06 ing to the required density as her incidental.  Too sand: Four Cubic ation and as directed by the meters	Cubic metres  77.49  Cubic meters

Tanda at Nagrota Bagwan.

# SCHEDULE OF QUANTITY

Reppair of Rain Shelter at RD 5/100, 6/810 and 10/450

TIME LIMIT EARNEST MONEY:-

ESTIMATED COST: -

₹ 425463.00 ₹ **8**550.00 TWO MONTHS

					,	
SU	NAME OF WORK: - Heppiir of Rain Shelter on Yol to 53 Miles road Km 0/0000 to 10/550 in Distt. Kangra (H.P.).  SUB-HEAD: - Reppair of Rain Shelter at RD 5/100, 6/810 and 10/450	ra (H.P.)				
s		Quantity		RATES	Unit	Amount
No.	5.		Infig	In words		
I	2	3	4	5	6	7
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or	3.91			Per	
	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	Cubic			cubic	
	getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead	meters				
	including entire carriage of materials within all leads, lifts and other incidentals.					
2		5.88			Per	
	shuttering. Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Len graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and	Cubic			cubic	
	as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	menes			Illeut	
S	Random rubble masonry/polygonal rubble masonry (uncoursed/brought to courses) with hard stones of approved quality in foundation and plinth including leveling up with cement concrete 1:6:12 (One	0.72 Cubic			Per	
	cement: Six sand: Twelve graded stone aggregate 20mm (Twenty millimeters) nominal size at plinth level in cement mortar 1.6 (One cement: Six sand) complete within all leads lifts of materials and	metres			metre	
	other incidentals.					
4	Coursed rubble masonry (second sort) with hard stone in foundation & plinth with: Cement mortar	4.75			Per	
	other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.	metres			metre	
S	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per	3.29			Per	
	drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty)	Cubic			cubic	
	nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 20mm (Twenty	meters			metre	
	millimetres) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.					
6		13.57			Per	
	sand: four graded stone aggregate) 20mm (I wenty millimketre) finished with a floating coat of neat cement, including the cost of nosing of steps etc. complete including carriage of	Square			square	
	material with in all leads, lifts and other incidentals as per drawing, design and specifications, as per the	metres			metre	
	direction and entire satisfaction of Engineer-in-Charge.					,

		an an			
12	11	10	9	∞	7
Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing and moulding in single/double layer etc; all complete as specified and as directed by the Engineer-in-Charge Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalentincluding 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% (One hundred percent) Premium acrylic emulsion paint having VOC less than 50 gm/litre (Fifty grams per liter) 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 (One point four three litre per ten sqaure metre). Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm (Zero point nine zero litre per ten sqaure metre). 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.	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm (Zero point ninety liter / Ten square metre) over an under coat of primer applied @ 0.80 ltr/ 10 sqm (Zero point eighty liter / Ten square metre)of approved brand and manufacture as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	Providing and fixing M.S. B.P Sheet 1.66mm to 2mm (One point sixty six to Two milimetres) thick in eaves board/facia/soffits/ceiling including cutting, 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 separately), as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	15 mm cement plaster on the rough side of single or half brick wall of mix: with 1:6 (One cement: Six fine sand) and curing complete as directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other incidentals.	form (Six millimetre) thick cement plaster on rough side of single of nair brick wall finished with a floating coat of neat cement of mix: 1:3 (One cement: Three fine sand) including carriage of materials within all leads, lifts and other incidentals as per approved drawing, design and as directed by the Engineer-in-Charge.
30.25 Square metres	Square metres	32.50 Square metres	37.10 Square metres	37.42 Square metres	Square metres
,		,			
Per square metre	Per square metre	Per Square metre	Per square metre	Per square metre	square metre
		0		τρ	@
9					
		J			

Total :-			
			incidentals.
			directed by the Engineer-in-Charge including carriage of materials within all leads and lifts and other
			3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete as
			on 20mm thick cement mortar 1:4 (One cement : Four coarse sand, jointing with grey cement slurry @
metre		metres	than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid
square		Square	floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less Square
Pel		79.55	13 Providing and laying 600x600mm (Six hundred into six hundred millimetres) nominal size vitrified 79.55

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

# SCHEDULE OF QUANTITY

EARNEST MONEY:-ESTIMATED COST: -

TIME LIMIT

116394.00 2350.00

THREE MONTHS

NAME OF WORK Annual Repair & Maintenance of Non Residential Building under HP PWD Sub -Division Nagrota Bagwan in Distt. Kangra (H.P.).

Providing and laying Floor Tiles, Painting and other repair etcetra in JE Office building at Baldhar.

SUB-HEAD :-

,	2		7	2 %
Providing and fixing wire gauge shutters using Kiln seasoned 2nd class deodar wood of sheesham wood galvanized M.S. wire gauge of average width of aperture 1.4 mm (One point four millimetres) in both directions with wire of dia 0.63 mm (zero point six three), for doors, windows and clerestory windows with hinges and necessary screws complete including carriage of material within all leads, lifts of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge.	Providing and fixing 18 mm (Eighteen millimetres) thick slab over 0.50 (Zero point fifty) sqm gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm (Twenty millimetres) thick base cement mortar 1:4 (One cement: Four coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete including carriage of material within all leads, lifts of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge.	Providing and laying Double charged Vitrified tiles 600x600mm (Six hundred into six hundred millimetres) in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % (Zero point zero eight percent) and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (one cement three coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm (Three point three kilogramme/square metre) including grouting the joint with white cement & matching pigments etc. complete including carriage of material within all leads, lifts of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge.	2	Description of items
4.50 Square metres	: □ <b>∑</b>	= S -		Q
	1.08 Square metres	42.89 Square metres	w	uantity
	1.08 quare retres	12.89 quare netres	3 A	1
	1.08 quare tetres	12.89 quare netres		1
	1.08 quare tetres	12.89 quare netres		RA
Per square metre	Per quare square netres metre	Per square netres metre	In Jug	RA

70	<b>0</b>	~ 	1	9	, v <sub>1</sub>	4
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 including carriage of material within all leads, lifts of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge	15 mm cement plaster 1:6 (One cement : six fine such) on the rough side of single or half brick wall of mix complete including carriage of material within all leads. lifts of materials and other incidentals as specification approved drawing, design and as desected by the Engineer-Incharge.	Providing and fixing aluminism extruded section body tubular type universal hydraulic dear closer sharing bund logo with ISi, is 1864, embessed on the body, door weight upto 36 kg to 86 kg and Numbers doer with from 701 mm (Secun hundred one milimeters) to 1000 mm (One thousand will energy), with double speed adjustment with necessary as associes and screws etectra complete actualing carriage of material within as leads. Iffs of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge.	Providing and fixing 200 mm (I we hundred millimetres) bright finished brass hard drawn blocks and 8.00 eyes complete including carriage of material within all leads. lifts of materials and other incidentals as Numbers per specification approved drawing, design and as greeted by the Engineer-Incharge.	****	Providing and fixing 150x10 nm (One hundred fifty into ten millimetres) aluminium tower bolts, ISI 32.00 marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to Numbers required colour or shade, with necessary screws etcetra complete including carriage of material within all leads. Iffs of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge.	Providing and fixing 40mm (Forty millimetre) thick 2nd class deodar wood glazed shutters for doors. windows and clerestory windows using 4 mm (Four millimetres) thick float glass panes, including ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws complete including carriage of material within all leads. lifts of materials and other incidentals as per specification approved drawing, design and as directed by the Engineer-Incharge.
23.40 Square metres	23.40 Square metres	majker Sea	8.00 jumber	Numbers	32.00 Number	4.50 Square metres
			·		<u> </u>	
				!		
				:		
Per square metre	Per square	bach	Fach	Each	Each	Per square metre
	<u>.</u>	·		:		0
				ı	1	ļ

I.P.P.M.D., Division, anda at Nagrofa Bage-ra

# SCHEDULE OF QUANTITY



ESTIMATED COST: EARNEST MONEY:-

259148.00 5200.00 THREE MONTHS

TIME LIMIT :-

SUB-HEAD: - Construction of U-Shape Drain in between Km 5/045 to 5/240

Restoration of Rain damages on Yol 53 mile road Km 0/000 to 10/500 in Distt. Kangra (H.P.).

NAME OF WORK : -

 2	_	1	No.
Providing and laying in position connecte of specified grade excluding the cost of centering and shuttering. Plain connected 1:3.6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical metres specifications and its directed by Engineer-Incharge including carriage of material within all leads. Hifts and other incidentals.	Excavation work by mechanical means (Hydraulic excavator)/ manual means Ordinary rock in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of cubic sides and ramming of bottoms, lead and lift upto any lead, including getting out the excavated soil and disposal of surplus excavated soils as directed by the Engineer-Incharge including carriage of materials within all leads. lifts and other incidentals.	2	Description of items
41.93 Cubic metres	Cubic meters	S	Quantity
		4	
		٥,	RATES In words
 Per cubic metre	Per cubic metre	6	Unit
		7	Amoun

Executive Languages.
H.R. W.D., Division.
Tanda at Naguar Bagwan

ESTIMATED COST: - EARNEST MONEY: -

311490.00 6250.00 TWO MONTHS

TIME LIMIT

	TOTAL :-				
				cement concrete M-30 (M-Thirty) complete and as per IRC SP-63-2004 & IS 15658 as per the instructions of the Engineer-Incharge within all leads, lifts of materials and other incidentals.	
	Square		Square metres	thickness as per drawings and Technical Specification Clause 1504 make of NTC/ GDC/Atlantica make including 4mm thick (Four millimetres) thick levelling course of sand and locking with	
	Per		230.00	Providing and Laying 60mm (Sixty milimetres) Interlocking Concrete Block Pavements having	∞
				stone aggregate) 40mm (Forty millimetres) thickness as per HPFWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	
	metre		meters	PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed	
	Per		3.15 Cubic	Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203	2
				and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	
	metre		metres	20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications	
	cubic		Cubic	shuttering .Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone aggregate	
	Per		4.02	Providing and laying in position cement concrete of specified grade including the cost of centering and	1
7	6	4 5	w	2	7
		In fig. In words			No.
Amount	Unit	Rate	Quantity	Description of items	s
•	gra (H.P.).	hand House in G.P. Kawari in Distt. Kangra (H.P.).	mesh Chai	NAME OF WORK :- Repair and maintenance of link road from G.P.S. Kawari Bassi House to Ramesh Cl SUB-HEAD :- Providing and laying interlocking paver block pavement road. Ενουθούν	NAM SUB
I WO INCINITION		THAT PHAIL			

HP PWD Division Tanda at Nagrota

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

Construction of retaining wall, providing and laying cement concrete pavement road and road side drain etc;

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

499982.00 10000.00

No.  Description of items  Quantit  Quantit  Quantit  Quantit  Quantit  Quantit  Description work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches 12.18  or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on Cubic plan), including dressing of sides and ramming of bottoms, lift upto 1.5m (One point five metre), including getting out the excavated soil and disposal of surplus excavated soils as directed, within any lead 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. Plain cement concrete 1:3:6 (One Cement : Three coarse sand : Ten graded stone caugivegate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD metres technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety metres) 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 (hirden point two milimetres) nominal size at the rate of 0.30cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.30cum (zero point tero eight cubic metres) per ten square meters and binding material at the rate of 0.08 cum (zero point zero eight cubic metres) per 10 Sqm (ten square meter) fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and la		111	SOD HEAD . Construction of ferming wan, providing and laying cement construct pavement road		ia road siu	and road side drain etc;
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.  Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimeters) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeters) Grading-1 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 0.30 cum (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point treo eight cubic metres) per ten square metres and binding material at the rate of 0.08 cum (zero point treo gift cubic metre) per 10 Sqm (ten square meters) in the providing and technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and the providing and laying concrete for plain reinforcem	S	•		Quantity		
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.  Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  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 millimeters) nominal size at the rate of 0.30cmm (zero point thirty cubic metres) per ten square metres and binding material at the rate of 0.08 cmm (zero point thirty cubic metres) per 10 Sqm (ten square meter) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clauses No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical speci	Z	0.			In fig.	śċ.
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.  Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  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 0.30 cum (zero point thirty cubic metres) per ten square meters and binding material at the rate of 0.08 cum (zero point thirty cubic metres) per ten square meters and binding material at the rate of 0.08 cum (zero point thirty cubic metres) per ten square meter) full metric specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification	7		2	w	1000	4
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.  Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-1 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 meters and binding material at the rate of 0.30cum (zero point thirty cubic metres) per ten square meters in binding material at the rate of 0.08 cum (zero point zero eight cubic metres) per ten square meters and binding material specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and stone aggregate) (M-twenty) nominal mix 1:2.4 (One cement: Two sand: Four graded/crushed stone aggregate) (M-twenty) nominal mix 1:2.4 (One cement: Two sand: Four graded/crus	1	Ex	avation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches	12.18		
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.  Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  Providing, laying, spreading and compacting stone aggregate size 90mm to 45mm (ninety millimeter to forty five millimeter) Grading-I size [100mm (One hundred millimeters) compacted thickness] to water bound macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size at the rate of 0.30cum (zero point zero eight cubic metres) per 10 Sqm (ten square meter) fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 pcc Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as tone aggregate).	-	or		Cubic		
Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering. Plain cement concrete 1:3:6 (One Cement: Three coarse sand: Ten graded stone aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  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 thirty cubic metres) per 10 Sqm (ten square meter) fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as tone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as tone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as tone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as the aggregate).		inc	cted, within	neters		
aggregate 20 mm (Twenty millimetres) nominal size complete as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.  Providing, 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 thirty cubic metres) per 10 Sqm (ten square meter)to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as trone aggregate).	N		T	8.88		
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 zero eight cubic metres) per 10 Sqm (ten square meter) to fill up the interstices of coarse aggregate, watering and compacting to the required density as per technical specifications clause No. 405 and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as tone aggregate to forty millimetres thickness as per HPPWD technical specification and as		ag ag all	ete 1:3:6 (One Cement: Three coarse sand: Ten graded stone netres) nominal size complete as per drawing and HP.PWD ected by Engineer-Incharge including carriage of material within	Cubic metres		-
the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.  Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as tone aggregate).	w			39.00 Cubic metres		
Providing and laying concrete for plain reinforcement concrete in open foundation in centering and shuttering complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimetres) thickness as per HPPWD technical specification and as		the	pacting to the required density as per technical specifications clause No. 405 and as directed by Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.			
1	4			39.00 Cubi neter	38 0	<i>3</i> 6 0

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

ESTIMATED COST: EARNEST MONEY: TIME LIMIT :

Rs.

402635.00 8100.00 TWO MONTHS

NAME OF WORK :-Construction of link road to Shamshan Ghat Sunchar in Distt. Kangra (H.P.).

	TOTAL:-	To				
	metre			meters	Engineer-Incharge including carriage of materials within all leads and lifts and other incidentals.	III OS
	cubic				specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four	00
	Per				Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical	2
					per technical specifications clause No. 405 including carriage of materials within all leads and lifts and other incidental.	77
					cum (zero point zero six cubic metre) to fill up the interstices of coarse aggregate, watering and compacting to the required density as	0
					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	2
					proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two milimetres) nominal size	77
	metres			metres	in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to metres	-
	Cubic			Cubic	Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading Cubic	_
	Per			37.00	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) 37.00	/ I
7	6	5	4	3	2	1
		In words	Infig		•	No.
Amount	Unit	Rate		Quantity	Description of items	s
					SOBTIESTS Fromang and taying cement concrete pavement road.	JODE

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