

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT**

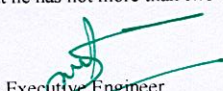
Sealed item rate tender on form No. 6 & 8 are hereby invited by the Executive Engineer, HP PWD Division Tanda at Nagrota Bagwan on behalf of Governor of Himachal Pradesh for the following work from the approved and eligible contractors enlisted in HP PWD (B & R) whose registration stood renewed as per 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 be kept open for 120 days.

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

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

(On behalf of Governor of Himachal Pradesh)

Dated/ **21-6-2023**

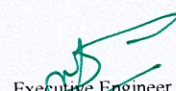
**HIMSUCHANA AVAM & JAN SAMPARK**

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

**3650-79**

Copy to the following for information and necessary action:-

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

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



# SCHEDULE OF QUANTITY

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

NAME OF WORK :- Construction of link road to village Thatt in District Kangra, (H.P.).  
SUB-HEAD :- Providing & laying cement concrete pavement (M-20) grade at RD 0/380 to 0/433.

Sr No.	Description of items	Quantity	In fig	RATES In words	Unit	Amount
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point 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.	11.52	4		Per Cubic metres	7
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement, two sand, four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	24.40			Per cubic metre	
<b>TOTAL :-</b>						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST :- Rs. 350042.00  
EARNEST MONEY :- Rs. 7000.00  
TIME LIMIT : TWO MONTHS

NAME OF WORK :-

Construction of link road Barohbar to Manimahesh in District Kangra, (H.P.).

SUB-HEAD :-

Providing & laying cement concrete pavement (M-20) grade at RD 0/615 to 0/730.

Sr No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) Grading-II size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and camber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point 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.	25.17			Per Cubic metres	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - other incidental.	52.80			Per cubic metre	
2	All work up to plinth level cement concrete 1:2:4 (One cement; two sand; four graded broken/crushed stone aggregate 20mm (Twenty millimeters) 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, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	Cubic metres				
<b>TOTAL :-</b>						

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



# Schedule of Quantity

ESTIMATED COST: -Rs. 499998.00  
EARNEST MONEY : -Rs. 10000.00  
TIME LIMIT : ONE MONTH

NAME OF WORK:-

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 (H.P.).

SUB HEAD: -

Repair of pot holes by providing patch work.

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	2	3	4	5	6	7
1	Maintenance of WBM road including filling up of pot holes, ruts and rectifying corrugated surface, damaged edges and raveling as per technical specification Clause 1906 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	74.48 Square meters			Per square metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2 as per direction of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental.	1533.40 Square meters			Per square metre	
TOTAL:-						

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

### Schedule of Quantity

ESTIMATED COST: - ₹ 499950.00  
 EARNEST MONEY: - ₹ 10000.00  
 TIME LIMIT: - TWO MONTHS

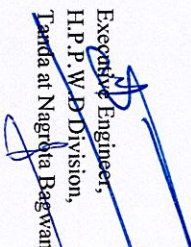
NAME OF WORK:- Construction of link road from Jamaca to Than road in Distt Kangra (HP)

SUB HEAD:- Providing and laying Soling, Wearing and Tarring in km 0/00 to 0/230

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1	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	4	5	6	7
1		724.50			Per Square metre	
2	Consolidation of sub grade with road roller including making good the undulation etc.etc. with earth or quarry soil etc. and re-rolling the sub-grade completed as per HP.PWD specifications including entire carriage of materials within all leads and lifts and other incidentals.	724.50			Per Square metre	
3	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)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 HPPWD technical specification and as per direction of Engineer-In-charge including carriage of materials within all leads and lifts and other incidental.	72.45			Per cubic metre	
4	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 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-In-charge including carriage of materials within all leads, lifts and other incidentals.	54.34			Per cubic metre	
5	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) using mechanical means as per Technical Specification Clause 502, as per the direction of Engineer-In-charge including entire carriage of materials within all leads, lifts and other incidentals	686.50			Per square metre	
6	Providing and applying tack coat with Bitumen emulsion (RS-1) 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.	686.50			Per Square metre	



7	Providing, laying and rolling of open graded premix carpet of 20mm (Twenty millimeter) compacted thickness, composed of Type-A 13.2mm (Thirteen decimal two millimeter) to 5.6mm (Five decimal six millimeter) 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 (Viscosity 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.	686.50	Square metres			Per Square metre	
8	Providing and laying premixed seal coat for sealing 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 mechanically 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-In-charge, within all leads, lifts of materials and other incidentals as per the entire satisfaction and direction of Engineer-in-Charge.	686.50	Square metres			Per Square metre	
<b>TOTAL:-</b>							

  
 Executive Engineer,  
 H.P.W.D. Division,  
 Tarda at Nagrta Bagwan.

# SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 331893.00  
EARNEST MONEY :- Rs. 6650.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :-

Construction of link road to Gujjar Basti from Mehta Basti Chowk in G.P. Balugaoa, Distt. Kangra (H.P.)


SUB-HEAD :-

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

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1		3	4	5	6	7
1	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 ranning 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, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	25.15 Cubic meters			Per Cubic meters	
2	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 aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.80 Cubic meters			Per Cubic meters	
3	Providing and laying mechanically mixed and vibrated for plain cement concrete in open foundation complete using plain cement concrete grade M-15 (M-Fifteen) 1:2.5:5 (one cement : two point five sand : five graded crushed stone aggregate) design mix with cement contents not less than 275kg (two hundred seventy five kilogramme) per cubic metre in or under water including curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise 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 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, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.98 Cubic meters			Per Cubic meters	



4	Providing and laying reinforced cement concrete pipe IS Class NP-2 for culverts on first class bedding or granular material in single row including fixing collar with cement mortar 1 : 2 (One cement : Two sand) but excluding the cost of excavation, protection works, back filling, concrete and masonry work in head walls and parapets Clause 1108 complete as directed by the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidental.	5.00 Running metres			Per running metre	
5	Backfilling behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	2.50 Cubic metres			Per cubic metre	
6	royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government. Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:5:10 (One cement, five sand, ten graded broken/crushed stone aggregate 40mm (Forty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	10.50 Cubic metres			Per cubic metre	
7	Providing and fixing 100 mm (One hundred millimetres) diameter on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (Ten millimetres) gap for thermal expansion, Single socketed pipes complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	3.00 Cubic metres			Per cubic metre	
8	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level cement concrete 1:2:4 (One cement, two sand, four graded broken/crushed stone aggregate 20mm (Twenty millimetres) nominal size mechanically mixed and curing complete including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design, specifications and as directed by the Engineer-in-charge. The rate is inclusive of octroi, royalty, Malkana, Toll tax, sale tax, GST and any other taxes imposed by the Government.	40.50 Cubic metres			Per cubic metre	
<b>TOTAL:-</b>						

  
 Executive Engineer,  
 H.P.P.W.D., Division,  
 Tanda at Narneta Raawan



# Schedule of Quantity

ESTIMATED COST:- ₹ 495328.00  
EARNEST MONEY :- ₹ 9950.00  
TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Construction of Nihargalu Jalot road Km 0/000 to 14/000 in Distt. Kangra (H.P.). (Deposit work).  
SUB HEAD:- Providing and laying bituminous concrete in various reaches between Km 1/000 to 5/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1		3	4	5	6	7
3	Providing and applying tack coat with Bitumen emulsion (RS-1) 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. The rate is inclusive of octroi, royalty, 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.	1184.90 Square metres			Per Square metre	
4	Providing and laying <u>30mm (Thirty millimetres) thick</u> bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) 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 compaction as per MoRTH specification clause No. 509 complete in all respect and as per direction of Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate is inclusive of octroi, royalty, 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.	35.55 Cubic metres			Per Cubic metres	
<b>TOTAL:-</b>						

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



# Schedule of Quantity

ESTIMATED COST:- ₹ 495328.00  
EARNEST MONEY :- ₹ 9950.00  
TIME LIMIT :- TWO MONTHS

NAME OF WORK:- Construction of Nihargalu Jalot road Km 0/000 to 14/000 in Distt. Kangra (H.P.). (Deposit work).  
SUB HEAD:- Providing and laying bituminous concrete in various reaches between Km 5/000 to 10/000

Sr. No.	Description	Quantity	Rate		Unit	Amount
			In fig.	in words		
1		3	4	5	6	7
3	Providing and applying tack coat with Bitumen emulsion (RS-1) 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. The rate is inclusive of octroi, royalty, 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.	1184.90 Square metres			Per Square metre	
4	Providing and laying <u>30mm (Thirty millimetres) thick</u> bituminous concrete with 100-120 TPH batch type HMP (Hot Mix Plant) producing an average output of 75 tonnes (Seventy five) tonne per hour using crushed aggregates of specified grading, premixed with bituminous binder VG-10 (Viscosity grade-Ten) @ 5.5% (Five point Five) 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 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, royalty, 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.	35.55 Cubic metres			Per Cubic metres	
TOTAL:-						

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




**Schedule of Quantity**

ESTIMATED COST :- ₹ 499797.00  
 EARNEST MONEY :- ₹ 10000.00  
 TIME LIMIT : TWO MONTHS

**NAME OF WORK :-** Construction of link road to village Matyal in Distt. Kangra (H.P.) (Deposit work).  
**SUB-HEAD :-** Providing and laying cement concrete pavement road in Km 0/260 to 0/420

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	2	3	4	5	6	7
1	Providing, laying, spreading and compacting stone aggregate of size 63mm to 45mm (sixty three millimeter to forty five millimeter) <b>Grading-II</b> size [75mm (seventy five millimeters) compacted thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty-Hundred) K.N. static roller in stages to proper grade and canber applying and brooming, stone screening type-A of size 13.2mm (thirteen point two millimeters) nominal size at the rate of 0.22 cum (zero point 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.	37.26 Cubic metres			Per Cubic metres	
2	Providing and laying concrete for plain reinforcement concrete in open foundation complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 PCC Grade (M-20) (M-twenty) nominal mix 1:2:4 (One cement: Two sand: Four graded/crushed stone aggregate) 40mm (Forty millimeters) thickness as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	75.60 Cubic metres			Per cubic metre	
<b>TOTAL :-</b>						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST :- ₹ 499897.00  
EARNEST MONEY :- ₹ 10000.00  
TIME LIMIT : THREE MONTHS

NAME OF WORK :- Special Repair of Govt. Primary Health Centre at Dhaloon in Tehsil Nagrota Bagwan, Distt Kangra (HP) Deposit work.  
SUB HEAD :- Repair of existing building in Civil work including water supply and sanitary installation etc;

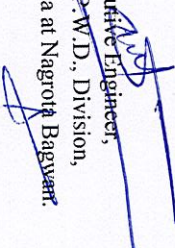
Sr. No.	Description of items	Quantity	RATES		Unit	Amount
			In fig	In words		
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m (One point five metre) in width or 10 sqm (Ten square metre) on plan), including dressing of sides 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.	1.77 Cubic meters	4	5	6 Per cubic metre	7
2	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge complete including entire carriage of materials within all leads, lifts and other incidentals	1.62 Cubic meters			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:2:4 (One cement : Two coarse sand) : Four graded stone aggregate 20 mm (Twenty millimetres) nominal size thickness complete as per HPPWD technical specification and as directed by the Engineer-Incharge including carriage of materials within all leads, lifts and other incidentals.	2.31 Cubic meters			Per cubic metre	
4	Providing and laying Couased rubble masonry (second sort) with hard stone in foundation & plinth with Cement mortar 1:6 (One cement : Six coarse sand) complete as per directed by the Engineer- Incharge, including carriage of materials within all leads, lifts and other incidentals	1.53 Cubic meters			Per cubic metre	
5	Providing and laying 600x600mm (Six hundred into six hundred millimetres) thick vitrified floor tiles in different sizes thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including applying a priming coat of red lead paint within all leads and lifts and other incidentals.	38.11 Square metres			Per square metre	
6	Providing and fixing Sal wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately) complete including applying a priming coat of red lead paint within all leads and lifts and other incidentals.	0.08 Cubic meters			Per cubic metre	
7	Providing and fixing 35 mm (Thirty five millimetres) thick second class deodar wood shutterspanelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-incharge 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.	3.78 Square metres			Per square metre	



1	2	3	4	5	6	7
8	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.	2 Numbers			Each	
9	Providing and fixing 150x10mm (One hundred fifty into Ten millimetres) nominal size aluminium Pilot/sheet 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.	6 Numbers			Each	
10	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.	4 Numbers			Each	
11	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.	13.98 Square metres			Per square metre	
12	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 as per direction of Engineer-in- Charge including carriage of material within all leads, lifts and other incidentals as per specifications, approved drawing, design.	13.98 Square metres			Per square metre	
13	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	13.98 Square metres			Per square metre	
14	Providing and fixing 0.60mm (Zero decimal Six Zero millimetres) thick prepainted sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with prepainted iron J or L hooks,bolts and nuts 6mm (Six millimetres) 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.	111.57 Square metres			Per square metre	



1	2	3	4	5	6	7
15	Providing and fixing ridges or hips 60cm (Sixty centimeters) over all with 0.60mm (Zero point Sixty millimeters) thick pre-painted sheet roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (Twenty) microns over 5 (Five) microns primer coating to back coat of polyester of 5 (Five) microns over 5 (Five) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts 6mm (Six millimeters) diameters with pre-painted G.I. limpet and bitumen 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.	24.35 Running metres			Per running metre	
16	Providing and fixing 4mm (Four millimeter) thick plain asbestos cement sheet ceiling of approved quality with butt 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.	61.28 Square metres			Per square metre	
17	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all 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.	2126.19 Kilograms			Per kilogram	
<b>TOTAL :-</b>						

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



# SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs. 499932.00  
EARNEST MONEY:- Rs. 10000.00  
TIME LIMIT :- TWO MONTHS

NAME OF WORK :- Construction of link road from Sadoon to Akarana Km 0/000 to 3/180 in Distt. Kangra (H.P.).  
SUB-HEAD :- Construction of Retaining wall at RDs 0/225 to 0/240, 1/110 to 1/120, 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

S. No.	Description of items	Quantity	Rate		Unit	Amount
			In fig.	In words		
1	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.	35.10	4	5	Per cubic metre	7
2	Providing and laying in position 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.	121.45			Per cubic metre	
3	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.	63.50			Per running metre	
4	Backfilling with granular material behind abutment, wing wall and return wall complete as per drawings and technical specification Clause 1204.3.8, granular material as per drawing and HP.PWD technical specifications and as directed by Engineer-Incharge including carriage of material within all leads, lifts and other incidentals.	32.20			Per cubic metre	
TOTAL :-						

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