

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

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No.PW-NHD-GA-TENDER/2023-24

8698-99 Dated 08<sup>02</sup>/<sub>2024</sub>

To


✓ The Executive Engineer,  
(IT Cell) Nigam Bihar,  
HP Shimla-2

Subject:-


Publication of Notice Inviting Tenders in the deparment  
Website being work of urgent nature.

Please find enclosed a Notice Inviting tender for uploading the above tender notice on the deparment website as the mentined work is urgent in nature and in public interest.

This is for your kind information and further necessary action at your end please.

  
Executive Engineer,  
National Highway Division,  
HP,PWD Hamirpur

Copy alongwith tender notice forwarded to the Superintending Engineer, National Highway Circle, HP,PWD Shahpur (H.P.) for information please.

  
Executive Engineer,  
National Highway Division,  
HP,PWD Hamirpur.

**HIMACHAL PRADESH**  
**Public Works Department**  
**NOTICE INVITING TENDER**

Sealed Tenders on item rate basis are hereby invited on behalf of Governor of H.P. by Executive Engineer, NH Division, HPPWD, Hamirpur (H.P) from the experienced contractor/ firms enlisted in appropriate class with HPPWD for the following works. The tender shall be received in this office on 21-02-2024 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 Contractor/Firms or their authorized/representatives who wish to be present at the time of opening of tender. The application for issue of tender document shall be received on dated 19-02-2024 up to 4:00 P.M. on cash payment (Non-Refundable) and tender document will be issued on 20-02-2024 up to 5:00 P.M. If the office happens to be closed on the scheduled date the tender form document will be sold/ opened on the next working day at the same time and venue.

Sr. No	Name of work	Estimated cost	Earnest money	Time allowed	Cost of form
1	Annual repair and Maintenance on NH -20A (New NH-503) Km 39/0 to 91/0 (SH:- Repair of rain shelter in Dhaliara 65/660) L.H.S	450000.00	9000.00	One Month	350/-
2	Annual repair and Maintenance on NH -20A (New NH-503) Km 39/0 to 91/0 (SH:- Repair of rain shelter in sunhat at RD 61/500) L.H.S	180000.00	4000.00	One Month	350/-
3	Annual repair and Maintenance on NH -20A (New NH-503) Km 39/0 to 91/0 (SH:- Construction of Padestal for statue at Nehranpukhar km 63/660).	299309.00	6000.00	One Month	350/-
4	Annual repair and Maintenance on NH -20A (New NH-503) Km 39/0 to 91/0 (SH:- Providing and fixing Gantry Retro reflective sheet on km 58/880 near Hanuman chock).	361815.00	8000.00	One Month	350/-
5	Annual repair and Maintenance on NH -20A (New NH-503) Km 39/0 to 91/0 (SH:- Dressing of Berms in km 39/0 to 91/0.	249485.00	5000.00	One Month	350/-
6	Annual repair and Maintenance on NH -20A (New NH-503) Km 39/0 to 91/0 (SH:- Balance work at construction of Retaining wall 79/970 to 79/990(LHS) near chat mode kinnu.	495630.00	10000.00	One Month	350/-
7	Annual repair and Maintenance on NH -503 Extn. Km 0/0 to 19/00 (SH:- providing and laying of 80 mm thick interlocking paver blocks at RD. 0/200 to 0/321 (R.H.S)	482064.00	10000.00	One Month	350/-
8	Annual repair and maintenance on NH 503A Km 0/0 to 70/0 (SH:- Construction of Breast wall at RD 55/020 to 55/055(RHS).	482585.00	10000.00	One Month	350/-
9	Annual repair and Maintenance on NH 503A Km 0/0 to 70/00 (SH: Consultancy services for preparation of cost estimate of the bridge over swan River at km 13/450 on NH-503 A)	487000.00	10000.00	One Month	350/-

*Draft notice inviting/ specification special conditions can be seen in this office on any working day between 11:00 AM to 4:00 PM ambiguous/ Telegraphic conditional tenders by fax shall not be entertained/ considered in any case. The contractors/ firms are requested to insert the rate of each item in words as well as in figure, failing which Executive Engineer, reserves the right to accept/ reject any or all tenders. The intending contractors/ firms are requested to see the site of work before submitting the tenders. All the application must accompany with the Earnest Money in the shape of call at deposit/ N.S.C. purchased from any post office in H.P/FDR from any nationalized bank duly pledged in favour of Executive Engineer. The application without earnest money will not be entertained and out rightly rejected. It is also certified that the work is in urgent nature and upload in the website .The following document are required to be attached with the application: -*

- 1 A copy of valid enlistment and renewal certificate.
- 2 A copy of GST.
- 3 Any other information as desired by the Executive Engineer. Any application not accompanied by above documents shall not be entertained. The tender shall be issued to those contractors/ firms who are found eligible, suitable and competent. The decision of the Executive Engineer, regarding suitability, eligibility and competence of the contractor/ firm applying for issue of tenders shall be final. In case, of any information supplied by the contractor/ firm, is found false at any stage the tender is liable to be rejected and action taken against contractor/firm.

Executive Engineer,  
NH Division, HPPWD  
Hamirpur



Per square metre

Per running metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

Per square metre

**SCHEDULE OF QUANTITIES**

Estimated Cost: Rs.  
Earnest Money: Rs.  
Time: -

4911/10  
9/11/10  
(Per Month)


Job No. 1

Name of work :- Annual repair and maintenance on NH 20A (New NH 503) Km 39/00 to 91/00 (SH- Repair of Rain Shelter at Dhalpura RD 65/660 (LH5).

Sl No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Dismantling roofing including ridges, hips, valleys, gutters etcetra stacking the serviceable materials and disposal of un-serviceable materials within any all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	20.75			Per square metre	
2	Demolition of brick work above G.L. upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	1.49			Per Cubic metre	
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of un-serviceable material within all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	1.09			Per Cubic metre	
4	Centering and shuttering including strutting, propping etcetra. and removal of form work for : Columns, piers, abutments, pillars, posts and struts all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	2.72			Per square metre	
5	Reinforced cement concrete work 1:1.5:3 (one cement : one part five sand : three graded stone aggregate) 20 mm(twenty millimetre) nominal size. (any thickness), including attached plaster, buttresses, plinth and string courses, fillets, columns, pillars, abutments, posts and struts etcetra. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	1.09			Per Cubic metre	
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	195.84			Per kilogram	
7	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m(one point five millimetre) 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 complete as per the direction of Engineer-in-Charge.	2.20			Per Cubic metre	
8	Stone filling under floor with hard stone of approved quality watertight ramming and consolidating with hand dumroot as per MORT&H specification and as per direction and entire satisfaction of the Engineer -in-charge including carriage of material within all leads, lifts and other incidentals.	3.05			Per Cubic metre	
9	2nd class brick masonry in common burnt clay buildings bricks in foundation and plinth in cement mortar 1:6 (one cement : six sand) up to floor all level including carriage of materials within all leads, lifts and other incidentals complete as per the direction of Engineer-in-Charge.	6.88			Per square metre	
10	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5(seven point five) in superstructure above plinth level up to floor V level. Cement mortar 1:4 (one cement : four coarse sand) including carriage of materials within all leads, lifts and other incidentals complete as per the direction of Engineer-in-Charge.	8.15			Per square metre	
11	15mm (fifteen millimetre) thick cement plaster in single coat on rough side of brick / concrete / stone walls for interior plastering upto floor two levels including arrises, internal rounded angles, chamfers and / or rounded angles not exceeding 80mm (eighty millimetre) in girth and finished even and smooth with cement mortar 1:5 (one Cement : five sand) including carriage of materials within all leads, lifts and other incidentals complete as per the direction of Engineer-in-Charge.	1013.84			Per kilogram	
12	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel of TATA/SAIL as required in gratings, frames, guard bar, ladder, railings, brackets, gates, hollow pipe and similar and carriage of materials within all leads, lifts and other incidentals as per directed by the Engineer-in-Charge.	51.38			Per square metre	
13	Providing and fixing 0.60mm (zero point six zero millimetre) thick pre-painted steel 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 i/c fixing with pre-painted iron J or L hooks, bolts and nuts 6mm(six millimetre) dia metre with pre-painted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-Charge.				Per square metre	



	Providing and fixing ridges or hips 60 cm(sixty centimetre) overall with 0.60mm(zero point six zero millimetre) thick preprepared steel sheets in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20(twenty) microns over 5(five) microns primer coating + back coat of polyester of 5(five) microns over 5(five) microns primer coating 1/2 fixing with preprepared iron J or L hooks, bolts and nuts 6mm(six millimetre) dia and preprepared G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-in-Charge.	6.80			Per Running metre	
15	Providing and fixing M.S. BP Sheet 1.65mm(one point six six millimetre) to 2mm(two millimetre) thick in eaves board/facia/soffit/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)	3.93			Per square metre	
16	Providing and laying 1:3:6 (one cement iso three sand iso six graded crushed stone aggregate) 20mm (twenty millimetre) nominal size and curing complete, excluding the cost of centering, shuttering in foundation and plinth and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge.	4.14			Per Cubic metre	
17	Providing and laying Glazed tiles 6 mm(six millimetre) thick in flooring, treads of steps and landing laid on a bed of 12 mm(twelve millimetre) thick cement mortar 1:3(one cement :three sand) finished with flush pointing in white cement including carriage of materials within all leads, lifts and other incidents complete as per the direction of Engineer-in-Charge.	18.87			Per square metre	
18	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08%(zero point zero eight percent) and conforming to IS: 15622, of approved brand and manufacturer, in all colours and shade, in skirting, nser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm(six millimetre) thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 500x500 mm(five hundred into five hundred millimetre) and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge.	38.28			Per square metre	
19	Providing and laying granite stone in flooring 20mm(twenty millimetre)(average)thickness base of cement mortar 1:3(one cement:three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone i/c rubbing and polishing complete. 20mm(twenty millimetre) thick and carriage of materials within all leads, lifts and other incidents complete as per the direction of Engineer-in-Charge.	10.91			Per square metre	
20	Providing and fixing SST stainless steel and Grade 300(three hundred) railing for ramp with 50mm(fifty millimetre) dia SST pipe/handrail slip resistant with round ends at two level at 75 and 90 cm (Seventy five and ninety centimetre) height and extended 30cm(thirty centimetre) beyond the top and bottom of railing with 25 (Twenty five millimetre) dia SST pipe balusters welded to 50mm (fifty millimetre) dia SST pipe embedded in cement concrete at 600mm (Six hundred millimetre) center to center duly welded with MS flat 50x5mm(fifty x five millimetre) within all leads, lifts and other incidents complete as per the direction of Engineer-in-Charge.	11.70			Per Running metre	
21	Painting two coats (excluding priming cost on new steel and other metal surfaces with enamel paint brushin to give an even shade including cleaning the surface of all dirt,dust and other foreign matters Enamel white paint and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge.	5.43			Per square metre	
22	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge.	56.22			Per square metre	
23	Distempering with oil bound washable distemper of Nerolac/Asian/ Dulux/Bergen) approved brand and manufacture (two or more coats) of required shade on new work over and including water thinnable priming coat with cement primer and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge.	56.22			Per square metre	
24	Writing letters or figures on any surface with black japan paint (stops,comas,hyphens and the like not to be measured and paid separately) (Block Letters) and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge	42.00			each	
	TOTAL					

  
 Executive Engineer,  
 National Highway Division,  
 M.P.W.D., Bhamrapur (M.P.)  
 4



DE AT RD 59730  
R/OCK TLE 59725  
Amount  
8288.00

**SCHEDULE OF QUANTITY**


Name of work :- Annual repair and maintenance on NH 20A (New NH 503) Km 39/00 to 91/00 (SH)-Repair of Rain Shelter at Sunhat at RD 61/500 (LHS).

Estimated Cost:- Rs. 18000.00  
Earnest Money:- Rs. 4000.00  
Time Limit :- One Month

566 NO-2

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	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 a any lead complete as per the direction of Engineer-in-charge.	1.30			Per Cubic metre	
2	Providing and laying 1:3:6 (one cement isto three sand isto six graded crushed stone aggregate) 40mm (Forty millimetre) nominal size) and curing complete, excluding the cost of centering, shuttering in foundation and plinth and carriage of materials within all leads, lifts and other incidentals as per directed by the Engineer-in-Charge.	3.00			Per Cubic metre	
3	Providing and laying 1:1.5:3 (one cement isto one and half sand isto three graded crushed stone aggregate 20mm (Twenty millimetre) nominal size) and curing complete, excluding the cost of centering, shuttering in foundation and plinth and carriage of materials within all leads, lifts and other incidentals as per directed by the Engineer-in-Charge.	0.25			Per Cubic metre	
4	2nd class brick masonry in common burnt clay buildings bricks in foundation and plinth in cement mortar 1:6 (one cement : six sand) up to floor all level including carriage of materials within all leads, lifts and other incidentals complete as per the direction of Engineer-in-charge.	1.53			Per square metre	
5	15mm (fifteen millimetre) thick cement plaster in single coat on rough side of brick / concrete / stone walls for interior plastering upto floor two levels including arrises, internal rounded angles, chatters and / or rounded angles not exceeding 80mm (eighty millimetre) in girth and finished even and smooth with cement mortar 1:5 (one Cement isto five sand) including carriage of materials within all leads, lifts and other incidentals complete as per the direction of Engineer-in-charge.	20.00			Per square metre	
6	White glazed tiles 6 mm (six millimetre) thick in flooring, treads of steps and landing laid on a bed of 12 mm (twelve millimetre) thick cement mortar 1:3 (one cement : three sand) finished with flush pointing in white cement. Including carriage of materials within all leads, lifts and other incidentals complete as per the direction of Engineer-in-charge.	20.00			Per square metre	
7	Providing and laying Vitified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% (zero point zero eight percent) and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm (six millimetre) thickness, including grouting of joints (Payment for grouting of joints to be made separately). Size of Tile 500x500 mm (five hundred into five hundred millimetre) and carriage of materials within all leads, lifts and other incidentals as per directed by the Engineer-in-Charge.	11.50			Per square metre	
8	Providing and laying granite stone in flooring 20mm (twenty millimetre) (average) thickness base of cement mortar 1:3 (one cement: three sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of granite stone l/c rubbing and polishing complete. 20mm (twenty millimetre) thick and carriage of materials within all leads, lifts and other incidentals complete as per the direction of Engineer-in-charge.	5.9235			Per square metre	
9	Painting two coats (excluding priming cost on new steel and other metal surfaces elth enamel paint brushin to give an even shade including cleaning the surface of all dirt, dust and other foreign matters Enamel white paint and carriage of materials within all leads, lifts and other incidentals as per directed by the Engineer-in-Charge.	37.00			Per square metre	
10	Removing old paint from Steel and other metal surfaces and making the surface even. With hand scraping	43.00			Per square metre	
11	Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on undecorated wall surfaces (two coats) to give an even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials, and carriage of materials within all leads, lifts and other incidentals as per directed by the Engineer-in-Charge.	67.00			Per square metre	
12	Applying Bitla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete, and carriage of materials within all leads, lifts and other incidentals as per directed by the Engineer-in-Charge.				Per square metre	

13	Chambering with oil bound washable distemper of Nerolac/Asian/Dulux/Berger approved brand and manufacture (two or more coats) of required shade on new work over and including water thinnable priming coat with cement primer and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge	67.00				Per square metre each	
14	Writing letters or figures on any surface with black Japan paint (stays, cones, hyphens and the like not to be measured and paid separately) (Block Letters) and carriage of materials within all leads, lifts and other incidents as per directed by the Engineer-in-Charge	40.00					
15	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etcetera, including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete including fixing the railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etcetera, of required size, on the top of the floor or the side of wall slab with suitable arrangement as per approval of Engineer-in-Charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etcetera) within all leads, lifts and other incidents as per directed by the Engineer-in-Charge	23.00				Per kilogramme	
G TOTAL							

  
 Executive Engineer,  
 National Highway Division,  
 J.P.P.W.D., Itanagar (M.P.)



# SCHEDULE OF QUANTITY

Estimated Cost:- Rs:- 200310.00  
 Earnest Money:- Rs:- 100150.00  
 Time Limit :- One Month

NAME OF WORK:- /NR & M/O NH-20A (NEW NH-503) KM 39/00 TO 91/00 (SH- CONSTRUCTION OF PAVEDAL FOR STATUE AT NEHRUPUR KHAR KM 63/660)

Sr No	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Excavation in foundation trenches etcetra. in earth in all classification of soil such as pick work, jumper work, pick jumper work, jumper blasting work, and hard blasting and saturated soil including chiseling or any other mixed variety of soil, dewatering and removal of slash and other incidentals lift up to any height stacking the excavated soil up to any leads and lifts clear from the edge of excavation and then returning the stacked soil in 15 cm(Fifteen centimetre) layers when required in to plinth side of foundation etc. consolidating each deposited layers by ramming, watering and then depositing of all surplus excavated earth as directed by the Engineer-in-charge.	9.19			Per Cubic metre	
2	1:3:6 (One into Cement : Three into coarse sand : six into graded stone aggregate) 20 mm(twenty millimetre) nominal size) up to all leads and lifts and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-charge.	1.84			Per Cubic metre	
3	1:2.5:5 (one into Cement : two point five into coarse sand : five into graded stone aggregate) 20 mm(twenty millimetre) nominal size) up to all leads and lifts and carriage of materials within all leads and lifts and other incidentals complete as per the direction of Engineer-in-charge.	21.96			Per Cubic metre	
4	Providing and laying Granite stone flooring in required design and patterns, in linear as well as curvi linear portions of the building all complete as per the architectural drawings with 18 mm(eighteen millimetre) thick stone slab over 20 mm(twenty millimetre) (average) thick base of cement mortar 1:4 (one into cement :four into 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 etc. all complete as specified and as directed by the Engineer-in-Charge.	30.00			Per Square metre	
5	Providing and fixing stainless steel ( Grade 304) verticle posts and chain etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, /tc fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	16.00			Per Running metre	
G.Total					Rs:-	

Executive Engineer,  
 National Highway Division,  
 J.P.W.D., Hamirpur (HP)

76510.3


# SCHEDULE OF QUANTITY

Job No. 4

Estimated Cost:- Rs.:- 361815.00  
Earnest Money:- Rs.:- 8000.00  
Time Limit:- One Month

Name of Work:- Annual repair and maintenance on NH 20A ( NewNH 503) Km 39/00 to 91/00 (Sub Head :- Providing and Fixing Gantry Retro reflective sheet on km 58/820 near Hanuman chowk).

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Providing and fixing of informatory plate both side of retro reflelectrosied plate of ACP shet of 4mm thickness including carriage of material complete in all respect within all leads and lifts as per the direction of Engineer-in-Charge.	33.28			Per Square metre	
2	Removing old paint from Steel and other metal surfaces & making the surface even With paint remover of approved brand and manufacture.	18.27			Per Square metre	
3	Applying priming coat over new steel & other metal surfaces after & including preparing the surface by thoroughly cleaning oil grease dirt and other foreign matter and scoured with wire brushes fine steel wool scrapers and sand paper complete. With ready mixed priming paint brushing red lead, Red-oxide/zinc oxide chrome.	18.27			Per Square metre	
4	Painting one coat (excluding priming coat) With Enamel paint other than white on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt,dust and other foreign matter	18.27			Per Square metre	

  
Executive Engineer,  
National Highway Division,  
R.P.W.D., Hamirpur, (HP)




# SCHEDULE OF QUANTITY

JG5N5-5

Estimated Cost:- Rs. 249485.00  
 Earnest Money:- Rs. 5000.00  
 Time:- One Month

Name of work :- Annual repair and maintenance on NH 20A (New NH 503) Km 39/00 to 91/00 (S.H.-Dressing of Berms in km. 39/00 to 91/00.

Sr No.	Description of Item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Making up loose of material / irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto any lead as per technical specification clause 1903 including entire carriage of material within all leads and lifts as per directions of Engineer-in-Charge and other incidental charges.	8216.15			Per square meter	
	G. Total					

  
 Executive Engineer,  
 National Highway Division,  
 M.P.W.D., Hamirpur (HP)

# SCHEDULE OF QUANTITY

Estimated Cost:- Rs.: 495630.00  
Earnest Money:- Rs.: 10000.00

Time Limit :- One Month

Name of Work:- Annual repair and maintenance on NH 20A (New NH 503) Km 39/00 to 91/00 (SH:- Balance work for the Construction of Retaining wall at RD 79/970 to 79/990 (LHS) Near Chat mod kinnu.

Sr No.	Description of item.	Qty.	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetra in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/ wedging out of rock (where blasting is prohibited) as per drawings and MORT&H specification and as per direction of the Engineer-in-charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto all lead and lift, including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shoring and structing and pumping and bailing out water (surface and sub soil water upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	62.40			Per Cubic metre	
2	Providing and laying 1:3:6 (One Cement : three coarse sand : Six graded stone aggregate) 20 mm (twenty millimetre) nominal size in position cement concrete of specified grade including the cost of centering and shuttering for all work up to plinth level in drains, toe walls and like structures including entire carriage of materials within all leads and lifts as per the direction of Engineer-in-Charge.	98.27			Per Cubic metre	
3	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm ( One hundred millimetre ) dia PVC pipe Finolex/ Supreme having pressure not less than 4.00 Kg/Cm <sup>2</sup> ( four kilogram ) per centimetre square extending through the full width of the structure with slope of 1(V):20(H) ( one vertical : twenty horizontal ) towards drawing face complete including entire carriage of materials within all leads and lifts and as per drawings and MORT&H specifications as per the direction of Engineer-in-Charge including all incidentals.	20.00			Each	
0	Back filling behind abutment , wing walls and return walls complete as per drawings and MORT&H specification, granular material as per direction of Engineer-in-Charge including entire carriage of materials within all leads and lifts and other incidentals.	25.05			Per Cubic metre	
					Rs.-	

705 No. 6



Job No - 7

## SCHEDULE OF QUANTITY

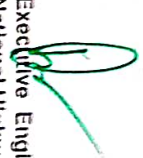
Work :- Annual repair and Maintenance on NH -503 Extn. Km 0/0 to 19/00 (SH:- providing and laying of 80 mm thick  
ing paver blocks at RD. 0/200 to 0/321 (R.H.S)

Description of item.	Qty.	Rate		Unit	Amount
		In Figure	In Words		
186344 40000 earth work in excavation of foundation of structures up to 3.00m (three metre) depth as per One Month drawing and MORTH specification clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material, as per the direction of the Engineer-in-Charge and carriage of material within all leads and lifts and other incidentals charges.	48.40			Per Cubic metre	
Providing and laying, mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation complete as per drawings and MORT&H specifications clause 802, 803, 1202 & 1203 PCC Grade M10 (Nominal mix 1:3:6) (One cement : three sand : six graded/ crushed stone aggregate) 20mm (Twenty millimetre) nominal size including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	38.72			Per Cubic metre	
Providing and laying of interlocking paver blocks having thickness 80mm (Eighty millimetre) including entire carriage of materials within all leads and lifts and as per drawings and MORT&H specifications as per the direction of Engineer-in-Charge including all incidentals.	242.00			Per square metre	
G.Total					

Executive Engineer,  
National Highway Division,  
APR PWD, Mangalore-575001

**Gobind-8**

Description of item.	Qty.	In Figure	Rate		Unit	Amount
			In Words			
Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, cherting/ wedging out of rock (where blasting is prohibited) as per drawings and MORTSH specification clause 305.1 and as per direction of the Engineer-in-Charge including setting out, construction of shoring and bracing, removal of slumps and other deleterious materials and disposal of materials upto all lead and lift, including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (One hundred fifty millimetre) compacted thickness including shoring and structuring and pumping and bailing out water (surface and sub soil water upto any depth and any quantum) of water including cleaning of silt which may cause out during dewatering as per the direction of the Engineer in Charge and carriage of material within all leads and lifts and other incidentals charges	79.80				Per Cubic metre	482555.50 10000.00 One Month
Providing and laying, mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation complete as per drawings and MORTSH specifications clause 802,803,1202 & 1203 PCC Grade M10 (Nominal mix 1:3:6) (One cement, three sand : six graded/ crushed stone aggregate 20mm) (Twenty millimetre) nominal size including entire carriage of materials within all leads and lifts and as per the direction of Engineer-in-charge.	96.26				Per Cubic metre	
Providing weep holes in brick masonry/ plain /reinforced concrete abutment wing wall/ return wall etcetra with 100mm dia (One Hundred Millimetre) PVC pipe extended through the full width of the structure with slope of 1(V) 20H towards drainage face complete as per drawing and MORTSH specification clause 614, 709, 1204 3.7 including carriage of material with in all leads and lifts as per the direction of Engineer-in-Charge.	67.00				Each	
<b>G.Total</b>						

  
**Executive Engineer,**  
**National Highway Division,**  
**HP,PWD., Hamirpur (HP)**




562 No-9  
Estimated cost: - 487000/-  
Earnest Money: - 10000/-  
Time Limit: - one month

### SCHEDULE OF QUANTITY

Name of work: Annual repair and Maintenance on NH 503A Km 0/0 to 70/00 (SH: Consultancy services for preparation of cost estimate of the bridge over swan River at km13/450 on NH-503 A)

Sr. No.	Description	Qty	Rate in		Unit	Amount
			Figure	Words		
1.	Consultancy services for preparation of cost estimate of the bridge.	1			Per job	
1.1	The work shall include the following:					
a)	Preparation of details of measurements.					
b)	Preparation of cost estimate.					
1.2	The stages of payment shall be:					
	Submission of cost estimate ... 100%					
	As per the direction and entire satisfaction of the Engineer-in-Charge.					
	Note :- 18 % GST shall be Paid extra				Total	

  
Executive Engineer,  
National Highway Division,  
H.P.PWD., Hamirpur (HP).