

HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT

"NOTICE INVITING TENDERS"

Sealed item rates tender are hereby invited by the Executive Engineer, Ghumarwin Division, HP-PWD. Ghumarwin for the following works from the registered contractors of appropriate class enlisted in HP-PWD, whose registrations stood renewed as per revised instructions and also registered dealers under the Himachal Pradesh, General Sales Tax Act. 1968. The important date of tender are as under:-

Date of application  
Date of sale of tender.

04/07/2022  
05/07/2022

The tender shall be received up to 11:00A.M. on 06/07/2022 and will be opened on the same day at 11:30 A.M. in the presence of intending contractors or their authorized representative who may like to be present. The tender form can be had from this office against cash payment as shown below (Non-refundable) during the working hours on 05/07/2022.

The Earnest money in the shape of National Saving Certificate/Deposit at call/ Time Deposit /Account/ in any of the Post-Office /Nationalized Bank in H.P. duly pledged in favour of Executive Engineer, Ghumarwin Division, HP-PWD, Ghumarwin must accompany with each application. Conditional tenders and the tenders received without earnest money will simultaneously be rejected. The offer of the tender shall be kept open for 120 days. The XEN reserve the right to accept or reject the tenders without assigning any reason.

Sr.	Name of work	Estimated Cost	Earnest Money	Time Period
1	A/R & M/o on link road H/Basti Kargora Patta to Pual(Panol) to Ballu Bani via Tikkar Dahad km 0/0 to 8/0 (SH:- P/L 80mm thick C.C. interlocking paver block in km 0/425 to 0/472.50).	493439/-	10000/-	two month
2	C/o link road from Ridoo Gadog Badog road km 0/010 to 3/0 (SH:- C/o 900mm dia hume pipe culvert at R.D 2/500)	291524/-	6000/-	one month
3	C/o Balance work of Veterinary Dispensary building at Thandora Tehsil Ghumarwin Distt. Bilaspur (SH:- C/o Protection wall at R.D 0/0 to 0/022).	237415/-	4800/-	Two month
4	R.R D on Kallar Paplah Jhorghat Dangar road km 0/0 to 13/0 (SH:- C/o wire crate at R.D 4/970 to 4/977.50)	99948/-	2000/-	One Month
5	R.R D on Kallar Paplah Jhorghat Dangar road km 0/0 to 13/0 (SH:- C/o wire crate at R.D 4/960 to 4/967.50)	99948/-	2000/-	One Month
6	C/o link road from Khanger Bari Kotla thalotu to Vill.Paddle H/Basti km 0/0 to 1/0 (SH:-P/L GSB in km 0/0 to 1/0 and wearing coat 63 to 40mm size in km 0/0 to 0/850).	494829/-	10000/-	One month
7	C/o link road in Bhager Panol to Village Daryana km 0/0 to 1/0 (SH:- P/L wearing and Tarring work in km 0/0 to 0/335).	491018/-	9900/-	Two month
8	C/o link road Jol to Hari Devi Mandir via Tower G.P Lehri Serial km 0/0 to 0/750 (SH:- C/o R/wall at R.D0/685 to 0/695 and FC at R.D 0/685 to 0/745).	178140/-	3600/-	Three month
9	C/o road from Dabla to Talai via Gatol km 0/0 to 4/465 (SH:- Preparation of DPR and CBR tests from km 0/0 to 4/465).	99032/-	2000/-	Three month
10	AMP for the year 2022-23 on Cheli Tank to Samlohal via Kargyani km 0/0 to 4/0 (SH:-P/L of hot applied thermoplastic paint in strios, zebra crossing etc in km 0/0 to 4/0).	340140/-	6000/-	One month
11	A/R & M/o Junala Karloti Chhatt road km 0/0 to 6/495 (SH:- ROFD i.e cutting in earth work to widening of road at essential reaches km 4/035 to 4/165, 4/435 to 4/512 and 5/295 to 5/387).	150038/-	3000/-	Two month
12	C/o Circular road Surrounding the NAC Ghumarwin km 0/0 to 0/500(SH:-P/L GSB in km 0/120 to 0/190 & 0/197.50 to 0/470)	385393/-	7800/-	Two month
13	R/R on various roads under Bharari Sub-Division (SH:-Removal of land slide/slips in various road).	99743/-	2000/-	One month
14	R/R on various roads under Ghumarwin Sub-Division (SH:-Removal of land slide/slips in various road).	99138/-	2000/-	One month
15	AMP for the year 2022-23 for rural road (Village road) (SH:- P/L 30mm thick bituminous concrete on link road Badhaghat to Kotla km 4/0 to 4/400)	499026/-	10000/-	Two month
16	C/o link road Dhingru to Sukri km 0/0 to 1/500 (SH:-Balance work of M/T in km 0/875 to 0/960)	131012/-	2700/-	Two month
17	C/o Rain Shelter at Village Khuhan near cremation centre in G.P Hatwar	63197/-	1300/-	One month
18	A/R & M/o to Bhager Auahr road km 0/0 to 3/0 (SH:-C/o B/wall at R.D 1/590 to 1/608.50).	99749	2000/-	one month
19	A/R & M/O various roads under Ghumarwin Sub-Divn(SH:- P/F dual direction reflective cat eye studs)	99750/-	2000/-	15 days
20	A/R & M/O various roads under Bharari Sub-Divn(SH:- P/F dual direction reflective cat eye studs)	99750/-	2000/-	15 days
21	C/o parking in Ward No. 2 Near Rehan Basera at Ghumarwin Distt. Bilaspur HP (SH:-P/Fixing preprinted steel sheet Roofing shutters, gutter, Facia etc complete)	499728	9995/-	One Month

- The XEN reserve the right to accept or reject the tenders without assigning any reason.
- The tender forms will not be issued to those contractors whose performance is not found satisfactory.
- The contractors should have executed two similar type of works 1/3 of each amount put to tender or single work of amount equal to the amount put to tender within last five years.
- The list of similar type of work executed & work done performance certificate issued by the concerned Executive Engineer/GST/EPF No should be accompanied with application.
- Earnest money should be accompanied with application. Application without earnest money will not be entertained.

**CERTIFICATE**

Certified that the tenders have been invited in exigencies/ emergency of work.

HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

No.PW/GHD/CB/Tender/2022-

Copy along with Notice Inviting Tender list is forwarded to:-

- The Engineer-in-Chief HPPWD Shimla-2
- The Chief Engineer (HZ) HPPWD Hamirpur
- The Superintending Engineer, 10th Circle, HPPWD Bilaspur
- The Executive Engineer (IT) O/O Engineer-in-Chief HPPWD Shimla-2 eeict-pwd-shi[at]hp[dot]gov.in a/w schedule of quantity to download on the department portal.
- Drawing Branch
- Account Branch

Executive Engineer  
Ghumarwin Division  
HPPWD Ghumarwin

Dated:-

24/6/2022

Executive Engineer  
Ghumarwin Division  
HPPWD Ghumarwin



SCHEDULE OF QUANTITY						
			ESTIMATED COST:- Rs .493439/-ONLY.			
			EARNEST MONELY:- Rs 8000/- Only.			
			TIME ALLOWED:- TWO MONTH.			
NAME OF WORK:- -A/R &M/O on link road H/Basti Kargora Patta to Puai (panol) to Ballu Bani via Tikkar Dahad km 0/0 to 8/0 (SH:- P/L 80mm thick C.C. interlocking paver block in km 0/425 to 0/472.50)						
Sr.No.	Sub-Head and item of work.	Quantity	rates in		Unit	Amount.
			Figures	Words.		
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The ratre including octroi, royalty, Malkana toll tax, GST or other taxis imposed by the Government.	262.08			Per square metre	
2	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30 including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The ratre including octroi, royalty, Malkana toll tax, GST or other taxis imposed by the Government.	39.31			Per cubic metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand) : 8 graded stone aggregate 40 mm nominal size) including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The ratre including octroi, royalty, Malkana toll tax, GST or other taxis imposed by the Government.	26.21			Per cubic metre	
4	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. 80 mm thick C.C. paver block of M-30 grade with approved color design and pattern. complete allincluding carriage of material within all leads and lifts as directed by the Engineer-in-charge. The ratre including octroi, royalty, Malkana toll tax, GST or other taxis imposed by the Government.	262.08			Per cubic metre	
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand) : 4 graded stone aggregate 20 mm nominal size) including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The ratre including octroi, royalty, Malkana toll tax, GST or other taxis imposed by the Government.	8.55			Per cubic metre	
Total=						

Executive Engineer  
Ghumarwin Division  
HPPWD Ghumarwin

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## Schedule of Quantity

Estimated Cost:- Rs. 2,91,524.00

Earnest Money:- Rs. 6,000.00

Time :- One Month

**Name of Work:-** C/O link road from Ridoo Gadod Badog road km 0/010 to 3/00 .(SH:- C/o 900mm dia hume pipe culvert at RD 2/500)

Sr. No.	Description Item	Quantity	Unit	Rates		Amount
				In figure	In words	
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains not exceeding 1.5 m (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 soil as directed, within any lead. All kinds of soil as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same	32.89	Per cubic metre			
2	Providing and laying in position cement concrete of specified grade excluding 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 millimetre nominal size) as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	3.76	Per cubic metre			
3	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	96.63	Per square metre			
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:3:6 (one cement : three coarse sand : six graded stone) aggregate 20 mm (twenty millimetre) nominal size as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	19.95	Per cubic metre			



5	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (one cement : two fine sand) including testing of joints etc. complete :900 mm dia (nine hundred milimetre dia). R.C.C. Pipe with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	7.5	Per Rmt. metre			
6	Providing and laying in position cement concrete of specified grade excluding 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 millimetre) nominal size as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	18.55	Per cubic metre			
7	Providing weep holes in brick masonry /stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100 mm (one hundred millimetre). dia PVC pipe extending through the full width of the structures with slop of 1(V): 20(H) towards drawing face complete as per HPPWD specification clauses 614,709,1204.3.7 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	6.00	each			
8	Back filling behind abutment, wing walls return wall complete as per drawings and technical specification clause 1204.3.8 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	4.8	Per cubic metre			
Total:-						0.00

Executive Engineer  
Ghumarwin Division  
HPPWD Ghumarwin

# SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs 237415/- ONLY.

EARNEST MONEY:- Rs.4800/- Only.

TIME ALLOWED:- TWO MONTH.

NAME OF WORK:-C/O Balance work of Veterinary Dispensary building at Thandora Tehsil Ghumarwin Distt. (SH:-C/O protection wall at RD. 0/0 to 0/022)

Sr.No.	Sub-Head and item of work.	Quantity	rates in		Unit	Amount.
			Figures	Words.		
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All kinds of soil. including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	21.46			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for; Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	100.00			Per square metre	
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand): 10 graded stone aggregate 40 mm nominal size) including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	45.75			Per cubic metre	
4	Providing weep holes in brickmasonry/stone masonry/plain reinforced and concrete abutment wing wall R/Wall B/Wall with 100mm dia (Hundred millimetre) PVC pipe and complete providing and technical specification clause 614,709,12043.7. including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	20.00			Each	
TOTAL=						

Executive Engineer  
Ghumarwin Division  
HPPWD Ghumarwin



## Schedule of Quantity

Estimated Cost:- Rs. 99,948.00

Earnest Money:- Rs. 2,000.00

Time :- One Month

**Name of Work:-** Restoration of rain damage on Kallar Paplah Jhorghat Dangar road km 0/0 to 13/0 (SH:- construction of wire crate at RD 4/970 to 4/977.50)

Sr. No.	Description Item	Quantity	Unit	Rates		Amount
				In figure	In words	
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction of shorting and bracing removal of stumps and other deleterious material and disposal upto all leads and lift. dressing of sides and bottom and back filling in trenches with excavated suitable material as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	29.70	Per cubic metre			
2	Providing and laying of boulder apron laid in wire crates with 4 mm (four millimetre) dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 per cent (ten percent) extra for laps and joints laid with stone boulders weighing not less than 25 kg (twenty five kilogram) each as per drawing and technical specifications Clause 1301 including carriage of materials with in all leads lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana, Toll tax, Goods Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	62.21	Per cubic metre			
3	Back filling behind abutment, wing walls return wall complete as per drawings and technical specification clause 1204.3.8 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	11.25	Per cubic metre			
<b>Total:-</b>						

**Executive Engineer**  
**Ghumarwin Division**  
**R.P.P.W.D. Ghumarwin**

## Schedule of Quantity


Estimated Cost:- Rs. 99,948.00

Earnest Money:- Rs. 2,000.00

Time :- One Month

**Name of Work:-** Restoration of rain damage on Kallar Paplah Jhorghat Dangar road km 0/0 to 13/0 (SH:- construction of wire crate at RD 4/960 to 4/967.50)

Sr. No.	Description Item	Quantity	Unit	Rates		Amount
				In figure	In words	
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction of shorting and bracing removal of stumps and other deleterious material and disposal upto all leads and lift. dressing of sides and bottom and back filling in trenches with excavated suitable material as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	29.70	Per cubic metre			
2	Providing and laying of boulder apron laid in wire crates with 4 mm (four millimetre) dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm (one hundred into one hundred millimetre) mesh (woven diagonally) including 10 per cent (ten percent) extra for laps and joints laid with stone boulders weighing not less than 25 kg (twenty five kilogram) each as per drawing and technical specifications Clause 1301 including carriage of materials with in all leads lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana, Toll tax, Goods Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	62.21	Per cubic metre			
3	Back filling behind abutment, wing walls return wall complete as per drawings and technical specification clause 1204.3.8 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	11.25	Per cubic metre			
<b>Total:-</b>						

  
**Executive Engineer**  
**Ghumarwin Division**  
**R.P.P.W.D., Ghumarwin**



Estimated Cost Rs. 494829/-  
 Earnest Money Rs. 10000/-  
 Time One Month

### SCHEDULE OF QUANTITY

Name of work:- C/O link road from khanger bari kotla thalotu to villaeg paddle H/B Km 0/00 to 1/00 (SH:- P/L GSB in km 0/00 to 1/00 and wearing coat 63 to 40 mm size in km 0/00 to 0/850)

Sr No	Sub Head/Item of works	Quantity	Unit	Rate in figure	Rate in word	Amount
1	Compacting original ground supporting subgradeLoosening of the ground upto a level of 300 mm below the subgrade level, watered, graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as per Technical Specification Clause 303.5. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	1055.25	Per Cubic metre			
2	Granular sub-base/base/surface course with local materials (Table 400.13) by mix in place ethod normal Construction of granular subbase by providing local material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at once and compacting with smooth wheel roller to achieve the desired density complete as per Clause 401.4 as per Technical Specification Clause 408 Using naturally occuring gravel. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	527.63	Per Cubic metre			
3	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fillup the interstices of coarse aggregate, watering and compacting to the required density grading 2 as per Technical Specification Clause 405(A) By Manual Means. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	214.82	Per Cubic metre			
Total:-						

Executive Engineer,  
 Ghumarwin Division,  
 HP, PWD, Ghumarwin.



## Schedule of Quantity

Estimated Cost:- Rs. 4,91,018.00

Earnest Money:- Rs. 9,900.00

Time :- Two Month

**Name of Work:-** Construction of link road in Bhager (Panol to village daryana km Km 0/0 to 1/000 (SH) P/E wearing and Tarring work in km 0/0 to 0/335.

Sr. No.	Description Item	Unit	Rates		Quantity	Unit	Rates		Amount
			In figure	In words			In figure	In words	
1	Supplying and stacking at site. 63 mm to 45 mm size stone aggregate with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	Per cubic metre	87.06		87.06	Per cubic metre			
2	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	Per cubic metre	87.06		87.06	Per cubic metre			
3	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. With medium setting bitumen emulsion On W.B.M. / W.M.M. @ 0.4kg/sqm. with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	per sqr metre	1072.84		1072.84	per sqr metre			
4	2 cm premix carpet surfacing with 1.8 cum and 0.90 cum of stone chippings of 13.2 mm size and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). With paying Asphalt grade VG - 30 with no solvent with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	per sqr metre	1072.84		1072.84	per sqr metre			

5	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG-10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other constrecution worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	1072.84	per sqr metre			
Total:-	Total:-					

Executive Engineer,  
Ghumarwin Division,  
J.R. PWD Ghumarwin.



## Schedule of Quantity

Estimated Cost:- Rs. 1,78,140.00

Earnest Money:- Rs. 3,600.00

Time :- Three Month

**Name of Work:-** Construction of link road Jol to Hari Devi Mandir via Tower G.P Lehri Serail km 0/00 to 0/750. (SH:- Construction of R/wall at RD 0/685 to 0/695 and FC at RD 0/685 to 0/745)

Sr. No.	Description Item	Quantity	Unit	Rates		Amount
				In figure	In words	
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm (thirty centimetre) in depth, 1.5 m (one point five metre) in width as well as 10 sqm (ten square metre) on plan) including getting out and disposal of excavated earth upto any lead and lift as directed by Engineer-in-charge. All kinds of soil as per Technical Specification Clause 301.5 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	36.40	Per cubic metre			
2	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 per 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 lead of 50 m. Ordinary rock as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in	15.23	Per cubic metre			
3	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc. as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	37.57	Per square metre			
4	Providing and laying in position cement concrete of specified grade excluding 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 millimetre) nominal size as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	31.54	Per cubic metre			

5	Providing weep holes in brick masonry /stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100 mm (one hundred millimetre). dia PVC pipe extending through the full width of the structures with slope of 1(V): 20(H) towards drawing face complete as per HPPWD specification clauses 614,709,1204.3.7 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	15.00	each			
6	Back filling behind abutment, wing walls return wall complete as per drawings and technical specification clause 1204.3.8 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	7.00	Per cubic metre			
Total:-						

Executive Engineer  
Chumarwin Division  
P.P.W.D. Ghatwarol



# HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

~~1000~~ *Schedule of quantity*

Estimated cost - ₹99,032.50  
Earnest Money - ₹2,000.00  
Time - Three months

Name of work : C/o road from Dabla to Talai via Gatol km 0/000 to 4/465.  
Sub head: Prepration of DPR and CBR tests from Km 0/000 to Km 4/465.

Sr. No.	Description of item	Quantity	Units	Rate	Amount
1	Prepration of Detailed project report which include following provision as mentioned below : A) Topography survey by Digital total station with two second accuracy , showing all features on survey plan like trees, culvert, bridge, electric pole, telephone poles, hand pumps, school, habitant villages. B) Draw cross section at 15 m (fifteen meter) interval, L-section & calculate the quantity of earth work in standart format of autocad showing all layer of pavement components as applicable. C) Prepration of survey plan showing all provision and preparation of detailed project report as per MORD guidelines.	4.465	km		
2	CBR test including grain size analysis , atterbergs limit , proctor compaction and CBR value	5	samples		

*Executive Engineer*  
Ghumarwin Division  
H.P.W.D Ghumarwin

### DRAFT SCHEDULE OF QUANTITY

Name of work:- AMP for the Year 2022-23 on Cheli Tank to Samlohal via Kagryani Km 0/0 to 4/0 ( P/Laying of Hot applied thermoplastic Paint in strios,Zevra-Crossing etc. in Km 0/0 to 4/0)

Estimated Cost: Rs.340140/

Earnest money: Rs.2000/-

Time: One Month

Sr No	Sub Head/Item of works	Quantity	Unit	Rate in figure	Rate in word	Amount
1	Providing and applying 2.5 mm thick road marking strips (retro- reflective) of ecified shade/ colour using hot thermoplastic material by fully/ semi automatic ermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	570.80	Per Cubic metre			

Executive Engineer  
Ghumarwin Division  
M. D. Ghumarwin



## DRAFT SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs .150038/-ONLY.

EARNEST MONELY:- Rs.3000/- Only.

TIME ALLOWED:- TWO MONTH.

NAME OF WORK:-A/R &amp; M/O Junala Karloti Chhatt road km 0/0 to 6/495 (SH:-ROFD i.e cutting in earth work to widening of road at essential reaches km 4/035 to 4/165, 4/435 to 5/295 to 5/387)

Sr.No.	Sub-Head and item of work.	Quantity	rates in		Unit
			Figures	Words.	
1	Excavation in hilly area in all heights and depths in all kinds of soil by manual /mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiseling / wedging out of rock (where blasting is prohibited) and other intermediate classification of soil setting out true to the required line, graded width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-charge at site according to the M.O.R.D. Technical specification clause 300,1603.1,1603.2 and sorting out useful material and stacking the same in all leads and lifts in acquired width of the road and transportation of material for filling in road way, camber embankments for grade improvements and disposal of all useful/surplus materials to required width of the road or on approved dumping sites, through all modes of transportation including head load or animals transport or mechanical means, along with its leveling fine dressing and carriage of machineries, materials tools equipments and execution shall be the absolute responsibility of all the contractor which shall have to be duly compensated by him in all cases as per direction of Engineer-in-charge including carriage of material with in all leads and lifts . The rate including octroi, rolyality, Makrana, toll tax, sale tax or other taxes imposed by the Government. A recovery of useful stone for 46.21 cubic metre at the rate of Rs.300/- (Rupes one hundred seventy) per cubic metre shall be done on pro-rae basis in ekach running bill for this item	1144.89			Per cubic metre
	Total=				

Executive Engineer  
Ghumarwin Division  
APPWD Ghumarwin

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SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs .385393/-ONLY.

EARNEST MONEY:- Rs.7800/- Only.

TIME ALLOWED:- TWO MONTH.

NAME OF WORK:- -C/O Circular Road Surrounding the NAC Ghumarwin km 0/0 to 0/500 (SH:-P/L GSB in km 0/120 to 0/190 & 0/197.50 to 0/470)

Sr.No.	Sub-Head and item of work.	Quantity	rates in		Unit	Amount.
			Figures	Words.		
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres including carriage of material within all leads and lifts as directed by the Engineer-in-charge.	1061.75			Per square metre	
2	Construction of granular sub-base by providing close graded Material conforming to specifications, mixing in a mechanical mix plant at OMC, carriage of mixed material by tippers to work site, for all leads & lifts, spreading in uniform layers of specified thickness with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. With material conforming to Grade-I (size range 75 mm to 0.075 mm) having CBR Value-30	159.26			Per cubic metre	
Total=						

Executive Engineer  
Ghumarwin Division  
HPPWD Ghumarwin



# SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs.99743/-Only.  
EARNEST MONEY:- Rs. 2000/ ONLY.  
TIME :- ONE MONTH.

NAME OF WORK:-R/R on various roads under Bharari Sub-Division (SH:- Removal of land slide/ slips in various roads)						
Sr. No.	Description of item	Quantity	Rates IN		Unit	Amount
			Figures	Words.		
1	Removal of land slide in hilly area in ordinary rock not required blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in all leads and lifts. Selected earth obtained from the slips may be filled on the berms and should be compacted with power road roller to the required camber and gradient as per technical specification 302.3.5 and 1611 to the entire satisfaction of the Engineer-in-charge. The ratre including octroi, royalty, Malkana toll tax, GST or other taxis imposed by the Government.	1650.00			Per cubic metre	
	Total=					

Executive Engineer  
Ghumarwin Division  
HPPV Ghumarwin

# SCHEDULE OF QUANTITY

ESTIMATED COST:- Rs.99138/-Only.  
EARNEST MONEY:- Rs. 2000/ ONLY.  
TIME :- ONE MONTH.

NAME OF WORK:- R/R on various roads under Ghumarwin Sub-Division (SH:- Removal of land slide/ slips in various roads)

Sr. No.	Description of item	Quantity	Rates IN		Unit	Amount
			Figures	Words.		
1	Removal of land slide in hilly area in ordinary rock not required blasting by mechanical means including cutting and trimming of slops and disposal of cut material with in all leads and lifts. Selected earth obtained from the slips may be filled on the berms and should be compacted with power road roller to the required camber and gradient as per technical specification 302.3.5 and 1611 to the entire satisfaction of the Engineer-in-charge. The ratre including octroi, royalty, Malkana toll tax, GST or other taxis imposed by the Government.	1640.00			Per cubic metre	
	Total=					

Executive Engineer  
Ghumarwin Division  
HPFWD Ghumarwin



# SCHEDULE OF QUANTITY

Estimated Cost:- Rs. 499026/-only  
 Earnest Money:- Rs. 10000/-only  
 Time allowed:- Two month


Time allowed:- Two months

Name of Work:- Annual Maintenance Plan for the year 2022-23 for rural road (Village Road) (SH:-Providing and laying 30mm thick bituminous concrete on link road Badhaghat to Kotla km4/0 to 4/400 ).						
Sr. No.	Description of Item	Quantity	Unit	Rates including GST		Amount
				in figures	in words	
1	Construction of penetration macadam over prepared base by providing a layer of compacted crushed coarse aggregate using chips spreader with alternate applications of bituminous binder and key aggregates and rolling with a three wheel 80-100 (Eighty-one hundred) KN static roller to achieve the desired degree of compaction as per Technical Specification Clause 506. 50mm (Fifty Millimeter) thick Bitumen VG-30 (Thirty) . (Viscosity grade- thirty) .including carriage of materials with in all leads and lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana , Toll tax , Goods Service Tax, building and other constrction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	19.22	Per square metre			
2	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. On bituminous surface @ 0.25kg/sqm (zero point two five kilograme/Square metre) including carriage of materials with in all leads and lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana , Toll tax , Goods Service Tax, building and other constrction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same	1281.00	Per square metre			
3	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge. 30 mm (thirty milimetre) compacted thickness with bitumen of grade VG-30 (Viscosity grade- thirty) @ 5.5% (Five point five precentage) (percentage by weight of total mix) and lime filler @ 3% (Three precentage) (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 (hundred-one hundred twenty) TPH capacity. .including carriage of materials with in all leads and lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana , Toll tax , Goods Service Tax, building and other constrction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	38.43	Per cubic metre			
Total=						

Executive Engineer  
 Ghumarwin Division  
 HPPWD Ghumarwin

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SCHEDULE OF QUANTITY						
ESTIMATED COST:- Rs .131012/- ONLY.						
EARNEST MONEY:- Rs 2700/- Only.						
TIME ALLOWED:- TWO MONTH.						
NAME OF WORK:-C/O link road Dingu to Sukri km 0/0 to 1/500 (SH:-Balance work of M/T in km 0/875 to 0/960) OTMNP						
Sr.No.	Sub-Head and item of work.	Quantity	rates in		Unit	Amount.
			Figures	Words.		
1	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earth with lead upto 50 metres including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	270.63			Per square Metre	
2	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spreading primer at the rate of 0.70- 1.0 kg/Sqm using mechanical means as per technical specification clause 502.including carriage of material within all leads and lifts as directed by the Engineer-in-charge.The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	270.63			Per square Metre	
3	Providing and applying tack coat using bitumen emulsion conforming to IS: 8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom. On bituminous surface @ 0.25kg/sqm (zero point two five kilograme/Square metre) including carriage of materials with in all leads and lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana , Toll tax , Goods Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	270.63			Per square Metre	
4	2 cm premix carpet surfacing with 1.8 cum and 0.90 cum of stone chippings of 13.2 mm size and 11.2 mm size respectively per 100 sqm and 52 kg and 56 kg of hot bitumen per cum of stone chippings of 13.2 mm and 11.2 mm size respectively, including a tack coat with hot straight run bitumen, including consolidation with road roller of 6 to 9 tonne capacity etc. complete (tack coat to be paid for separately). With paving Asphalt grade VG - 30 (Viscosity grade- thirty) with no solvent including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	270.63			Per square metre	
5	Providing and laying seal coat of premixed fine aggregate ( passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.including carriage of material within all leads and lifts as directed by the Engineer-in-charge. The rate including octroi, royalty, Malkana toll tax, GST or other taxes imposed by the Government.	270.63			Per square metre	
TOTAL=						

  
 Executive Engineer  
 Ghumarwin Division  
 HPPWD Ghumarwin



## Schedule of Quantity

Estimated Cost:- Rs. 63,197.00

Earnest Money:- Rs. 1,300.00

Time :- One Month

**Name of Work:-** Construction of Rain Shelter at Village Khuban near cremation centre in G.P. Hatwar.


Sr. No.	Description Item	Quantity	Unit	Rates		Amount
				In figure	In words	
1	Excavation in foundation, trenches etc., in all classification of soil such as pick work, jumper work, blasting work, soft rock and hard rock including chiselling wedging and any other mixed variety of soil in dry or saturated conditions up to any depth and lift including pumping and bailing out water where required including stacking the serviceable and unserviceable material separately as directed and then returning the stacked soil in fifteen centimeters layers when required into plinth and sides of foundation etcetra consolidating each deposited layer by ramming and watering and then disposing of all surplus un-serviceable excavated earth as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	0.61	Per cubic metre			
2	Providing and laying cement concrete 1:3:6 (one cement : three sand : six graded stone) aggregate 20 mm (twenty millimetre) nominal size and curing complete excluding cost of form workin: Foundation and plinth as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	0.40	Per cubic metre			
3	Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. In beams joists channels, angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	3.57	Per quintel			
4	Providing corrugated G.I sheet roofing fixed with galvanised iron J or L hooks bolts and nuts 8 mm (eight millimetre) diameter with bitumen and G.I. limpet washers filled with white lead complete excluding the cost of purlins rafters and trusses. 0.63 mm (zero point six three millimetre) thick sheet as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	30.38	Per square metre			
5	Providing ridges or hips 60 cm (sixty centimetre) over all in plain G.I. sheet with galvanised iron J or L hooks. bolts and nuts 8mm (eight millimetre) dia G.I. Limpet and bitumen washers complete 0.63 mm (zero point six three millimetre) thick sheet including carriage of materials within all leads lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	6.20	Per running metre			



6	Providing and fixing M.S. BP sheet 1.66 mm (one point sixty six millimeter) . to 2 mm (two millimeter). 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 direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana , Toll tax , Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	3.27	Per square metre			
7	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 as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana , Toll tax , Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	30.38	Per square metre			
8	Painting two coats (excluding priming cost on new steel and other metal surfaces eith enamel paint brushin to give an even shade including cleaning the surface of all dirt,dust and other foregin matters :-- Enamel white paint including carriage of material in all leads and lifts as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana , Toll tax , Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	30.38	Per square metre			
9	Stone filling of selected hard stone under floors with at least one broken face hand packed properly up to in all height. as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana , Toll tax , Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	1.75	Per cubic metre			
10	Providing and laying mechanically mixed and vibrated cement concrete 1:2:4(one cement : two sand : four graded crushed stone aggregate 20mm (twenty millimetre) nominal size) and curing complete excluding cost of form work and reinforcement for reinforced concrete work in Walls (any thickness but not less than 0.10 metre thickness) including attached pilasters buttresses,plinth and string courses etc. from top of foundation upto all level. as per direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana , Toll tax , Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	1.69	Per cubic metre			
11	Providing Tor steel Fe-500D or SAIL/ TISCO reinforcement for Reinforced Cement Concrete work including bending, binding and placing in position complete in all heights including cost of binding wires completed and other incidentals due for its completion for all floors level.as per HP.PWD Specification clause 2.28.2. including carriage of materials within all leads lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana , Toll tax , Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same. As per HP.PWD specification 1990 vol-I clause 2.28.1.	43.71	Per Kilogram			
12	15 mm(fifteen millimetre) cement plaster in single coat on rough side of brick/concrete/stone walls for interior plastering upto floor all level including arrises, internal rounded angles, chamfers and/ or rounded angles not exceeding 80 mm(eighty millimetre) in girth and finished even and smooth Cement mortar 1:6 (One cement : six sand) including carriage of materials with in all leads lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana , Toll tax , Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.as per HP.PWD specification 1990 volume-I clause 17.4.3.	4.07	Per square metre			



13	White washing with lime on undecorated wall surfaces two coats to give an even shade including thoroughly brooming the surface to remove all dirt dust mortar dirt and other foreign matter. including carriage of materials with in all leads lifts and other incidentals as per direction of Engineer-in-Charge. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other construction worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	4.07	Per square metre			
	Total:-					

  
 Executive Engineer  
 Ghumarwin Division  
 HPWD Ghumarwin

## Schedule of Quantity

Estimated Cost:- Rs. 99,749.00  
Earnest Money:- Rs. 2,000.00  
Time :- One Month

Work:- A/R & M/O to Bhager Auhar road km 0/0 to 3/0 (SH:- construcion of B/wall at RD 1/590 to 1/608.50)

Description Item	Quantity	Unit	Rates		Amount
			In figure	In words	
h work in excavation for structure as per drawing and technical specification clause 305.1 including setting out construction of ting and bracing removal of stumps and other deleterious material and disposal upto all leads and lift. dressing of sides and om and back filling in trenches with excavated suitable material as per direction of Engineer-In-Charge with in all leads and and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other constrction ker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be payable by the ractor and Government shall not entertain any claim whatsoever in this respect of the same.	38.11	Per cubic metre			4884.00
iding and Laying concrete 1:5:10 (one cement: five sand:ten crushed stone aggregate ) 40 mm (forty millimetre) for 1/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 er direction of Engineer-In-Charge with in all leads and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax ods and Service Tax, building and other constrction worker, welfare cess royalty or any other tax, levy or cess in respect of it for or output by this contract shall be payable by the contractor and Government shall not entertain any claim whatsoever in respect of the same.	43.66	Per cubic metre			90298.00
iding weep holes in brick masonry /stone masonry / plain reinforced concrete abutment, wing wall, return wall with 100 (one hundred millimetre). dia PVC pipe extending through the full with of the structures with slop of 1(V): 20(H) towards ving face complete as per HPPWD specification clauses 614,709,1204.3.7 .as per direction of Engineer-In-Charge with in all s and lifts and other incidentals. The rate includes, octroi, Malkhana, Toll tax, Goods and Service Tax, building and other strcution worker, welfare cess royalty or any other tax, levy or cess in respect of input for or output by this contract shall be ble by the contractor and Government shall not entertain any claim whatsoever in this respect of the same.	18.00	Each			4567.00
<b>Total:-</b>					99749.00

**Executive Engineer**  
Ghumarwin Division  
HPPWD Ghumarwin



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**Schedule of Quantity**

Estimated cost : 99750.00  
E/ Money 1000/-  
Time Limit 15days

NAME OF WORK:-A/R & M/O various roads under Shumarwin Sub-Divn(SH:- P/F dual direction reflective cat eye studs)

Sr. No	Sub-Head and Item of Work	Quantity	Rate		Unit	Amount
1	2	3	4		5	6
1	P/F of road stud dual directional retro reflective cat eyes studs made high quality necolour less retro reflective mini board embeded to 6mm high (six millimetre in pact plastic eye of dia 16mm (Sixteen millimetre containg 7 (seven) bead to each thus making a total of 42 (forty two) beads housed of both side in a strong aluminimum castes stud size 10X10 (Ten into ten centimetre for fixing) provised with a mild steel zinck plaed nain of dia 12mm (Twelve millimetre for fixing of roads by hammering made green/lite only i/c carriage and lift and entire satisfaction of Engineer-in-chage	798			Each	
			<b>TOTAL</b>			

Executive Engineer  
Ghumarwin Division  
HPPWD Ghumarwin

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**Schedule of Quantity**

Estimated cost : 99750.00  
E/ Money 1000/-  
Time Limit 15days

NAME OF WORK:-A/R & M/O various roads under Bhagani Sub-Divn(SH:- P/F dual direction reflective cat eye studs)

Sr. No	Sub-Head and Item of Work	Quantity	Rate		Unit	Amount
1	2	3	4		5	6
1	P/F of road stud dual directional retro reflective cat eyes studs made high quality necolour less retro reflective mini board embeded to 6mm high (six millimetre impact plastic eye of dia 16mm (Sixteen millimetre containg 7 (seven) bead to each thus making a total of 42 (forty two) beads housed of both side in a strong aluminimum castes stud size 10X10 (Ten into ten centimetre for fixing) provised with a mild steel zinck plaed nain of dia 12mm (Twelve millimetre for fixing of roads by hammering made green/lite only i/c carriage and lift and entire satisfaction of Engineer-in-chage	798			Each	
			<b>TOTAL</b>			

Executive Engineer  
Ghumna  
HPPWL



SCHEDULE OF QUANTITY						
Name of work:-Construction of Parking in Ward NO.2 Near Rehan Basera AT Ghumarwin, Distt Bilaspur (HP) ( SH:P/Fixing Preapainted Steel Sheet RoofingShutters ,Gutter,Facia etc Complete.)				Estt matp cat R 499728/- El Money Rs. 9995/- Time one month		
Sr No	Sub Head/Item of works	Quantity	Unit	Rate in figure	Rate in word	Amount
1	Providing and fixing 0.60mm thick preapainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 microns over 5 microns primer coating to back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with preapainted iron J or L hooks, bolts and nuts 6mm dia metre with preapainted limpet and rubber washers .complete as per direction of Engineer-in-charge and accordance with applicable specifications. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	140.31	sqm			
2	Providing and fixing ridges or hips 60 cm overall with 0.60mm thick preapainted steel sheets in roofing wit hot dipped metallic zinc coated sheets with top coat of regular modified polyster organic coating 20 microns over 5 microns primer coating + back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with preapainted iron J or L hooks, bolts & nuts 6mm dia & preapainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer in Charges and accordance with applicable specifications. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	28.83	Rmt.			
3	Providing and fixing valley 60 cm overall 0.60mm thick preapainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster organic coating of back coat of polyster of 5 microns over 5 microns primer coating i/c fixing with repainted iron J or L hooks, bolts and nuts 6mm dia with preapainted G.I. limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-in-charge and accordance with applicable specifications. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	16.00	Rmt.			
4	Providing and fixing 15 cm wide, 45 cm overall semicircular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete 0.63 mm thick with zinc oating not less than 275 gm/m <sup>2</sup> and accordance with applicable specifications. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	39.66	Rmt.			
5	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete and accordance with applicable specifications. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	2285.81	Kg.			
6	Providing and fixing 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 gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter and accordance with applicable specifications. including all leads,lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	9.00	Rmt.			

7	Providing and fixing aluminium work for doors, windows, board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, inpanelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer- in-charge. Pre-laminated particle board with decorative lamination on both sides and accordance with applicable specifications. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	36.54	sqm			
8	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness and accordance with applicable specifications. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	14.42	sqm			
9	Providing and fixing aluminium round shape handle of outer dia 100 mm with SS screws etc. complete as per direction of Engineer-in-charge. Powder coated minimum thickness 50 micron aluminium and accordance with applicable specifications. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	60	Each			
10	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass / stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer in-charge. (Only weight of grill to be measured for payment and accordance with applicable specifications. including all leads, lifts and carriage of materials complete as per entire satisfaction of the Engineer in charge.	29.85	Kg			

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