

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Short terms tenders on form 6&8 are hereby invited by the Executive Engineer Bangana Division HP.PWD Bangana on behalf of the Governor of H.P. for the following works from the approved and eligible contractors/firms of appropriate class enlisted in HPPWD as per latest instructions so as to reach and open in his office as per time schedule given below The offer of the tender will be kept open for 120 days from the date of opening of the tenders. The undersigned reserves the right to reject any or all the tenders without assigning any reasons.

1. Date of receipt of applications for the tender

Form a/w requisite documents: -

10.03.2022 upto 5.00 PM.

2. Date of issue /sale of tender forms against

Cash payment (Non-refundable):-

11.03.2022 upto 4.00 PM.

3. Date of receipt of tenders: -

14.03.2022 upto 10.30 AM.

4 Date of opening of tenders: -

14.03.2022 at 11.00 AM.

Sr.No.	Name of Work	Estimated Cost	EMD	Time Limit	Cost of Tender	Eligible class of Contractor
1	C/O Helipad Thanakalan at Tihra Tehsil Bangana Distt. Una (HP). :-(SH:- Site development)	480806	9700	Two months	350/-	Class-D
2	C/O Helipad Thanakalan at Tihra Tehsil Bangana Distt. Una (HP). :-(SH:-C/O Landing Zone).	172140	3500	Two months	350/-	Class-D
3	C/O link road to village Bharmout km 0/0 to 0/500.(SH:- C/O B/wall from RD 0/400 to 0/415, edge wall from RD 0/320 to 0/327, 0/350 to 0/357 & V-shape drain from 0/400 to 0/500, C.C. pavement from RD 0/475 to 0/500).	214542	4300	Two months	350/-	Class-D
4	A/R & M/O various Bridge under Dera Baba Rudru Sub-Division.(SH:- Painting of Bridge).	492866	9900	Two months	350/-	Class-D
5	A/R & M/O various Bridge under Dera Baba Rudru Sub-Division.(SH:- Hazard marker sign boards both sides of Bridge.).	270120	5500	Two months	350/-	Class-D
6	A/R & M/O various road under Dera Baba Rudru Basal Sub-Division.(SH:- P/F Glow studs of size 100x20 mm on Una Takka Dhamandri road 4/00 to 7/00.).	99044	2000	Two months	350/-	Class-D
7	A/R & M/O various road under Dera Baba Rudru Basal Sub-Division.(SH:- P/F Glow studs of size 100x20 mm on Una Barera road 2/00 to 4/00.).	99044	2000	Two months	350/-	Class-D
8	A/R & M/O various road under Dera Baba Rudru Basal Sub-Division.(SH:- P/F Glow studs of size 100x20 mm on Una Takka Dhamandri road 7/00 to 10/00.).	99044	2000	Two months	350/-	Class-D
9	A/R & M/O various road under Dera Baba Rudru Basal Sub-Division.(SH:- P/F Glow studs of size 100x20 mm on Una Barera road 4/00 to 8/00.).	99044	2000	Two months	350/-	Class-D

10	A/R & M/O Barsar Piploo Bhiambi road km. 0/0 to 22/0 (SH: Wire crate from RD 14/600 to 14/630)	189989	3800	Two months	350/-	Class-D
11	A/R & M/O on Handola Jagatkhana road Km 0/0 to 3/390. (SH:- C/O B/wall at RD 3/290 to 3/330).	208817	4200	Two months	350/-	Class-D
12	A/R & M/O Bangana Thathoon via tamlet road km 0/0 2/975. (SH:- P/L wire crate for bridge apron at RD 2/0.).	499129	10000	Two months	350/-	Class-D
13	A/R & M/O various road under HPPWD Sub-Division Bangana(SH: P/F very high Intensity over head sign board Gantry Print in both side. (Legend shall include all letters, number, arrows, borders and bars logos symbole etc. (Cantilever gantry gate)	467200	9400	Two months	350/-	Class-D
14	A/R & M/O various road under HPPWD Sub-Division Bangana. (SH:- P/F typical informatory sign board, typical Logo and typical Citizen informatory sign board).	273328	5500	Two months	350/-	Class-D
15	A/R & M/O various road under HPPWD Sub-Division Bangana. (SH:- P/F typical informatory sign board, typical Logo and typical Citizen informatory sign board).	273328	5500	Two months	350/-	Class-D
16	A/R & M/O link road Mahrot rajputain km 0/0 to 0/300.(SH:- P/L CC Pavement from RD 0/090 to 0/200 over GSB).	328854	6600	Two months	350/-	Class-D
17	A/R & M/O lathiani kodra road km 0/0 to 8/420. (SH:- R.O.F.D. from RD 05/305 to 05/540 & R/wall from RD 5/315 to 5/327).	122825	2500	Two months	350/-	Class-D
18	A/R & M/O link road Una Amb Mubarikpur road to Mohalla Khawaja. (SH:- Providing Interlocking Paver Block flooring in km 0/0 to 0/015, 0/120 to 0/170,& 0/300 to 0/341.90)	499856	10000	Two months	350/-	Class-D
19	A/R & M/O Una Takka road km 0/0 to 9/225. (SH:- Replacemrnt of damaged Bridge Railing at RD 2/548 to 2/690).	474168	9500	Two months	350/-	Class-D
20	A/R & M/O on Jharkhar road from TMBD road km 0/0 to 4/325. (SH:- C/O R/wall at RD 4/037 to 4/053 & 1/145 to 1/161).	489726	9800	Two months	350/-	Class-D
21	A/R & M/O TMBD road km 0/0 to 28/675. (SH:- C/O W/wall at RD 1/140 to 1/165).	93516	1900	Two months	350/-	Class-D
22	C/O link road to village Jakhola from Hatli Beri road km 0/0 to 1/750. (SH:- C/O V-shape drain from RD 0/540 to 0/900, 1/200 to 1/475 , U-shape drain from RD 1/030 to 1/200, B/wall from RD 0/915 to 0/930 & CC pavement from Rd 0/495 to 0/510 & 0/915 to 0/930).	499747	10000	Two months	350/-	Class-D

23	A/R & M/O to Non-residential Building at Bangana Rest House Bangana. (SH:- C/O Balance work of Pedestal)	126391	2600	Two months	350/-	Class-D
24	A/R & M/O Barsar piploo Bhiambi road km 0/0 to 22/00. (SH:- Co R/wall at RD 14/450 to 14/535)	491548	9900	Two months	350/-	Class-D
25	A/R & M/O Hatli Talpi road KM 0/0 to 7/635. (P/L Crash barrier at RD 7/075 to 7/130 and 7/200 to 7/285).	499747	9800	Two months	350/-	Class-D
26	A/R & M/O Hatli Talpi road KM 0/0 to 7/635. (P/L Crash barrier at RD 2/870 to 2/930 and 2/330 to 2/408.	482154	9700	Two months	350/-	Class-D
27	A/R & M/O Bohru to Ramp (Olinda) via Chowkhat Sanhal Salangri km 0/0 to 11/090. (SH:- C/O B/wall in wire crate at RD 1/601 to 1/672).	492599	9900	Two months	350/-	Class-D
28	C/o link road Naloot Pansai km. 0/0 5/500 (SH: C/o R/wall from RD 1/590 to 1/605)	189983	3900	Two months	350/-	Class-D
29	A/R & M/O on link road from Jagatkhana to Upper Raipur via Baroghat and Gharwasra (Under MMGSY) (SH: C/o CC Pavement at RD 0/885 to 1/105) D.W.	330033	6600	Two months	350/-	Class-D
30	A/R & M/O various road under Bangana Sub-Division (SH: Repair of pot hole)	141479	2900	Two months	350/-	Class-D
31	A/R & M/O various road under Dera Baba Rudru Sub-Division (SH: repair of Pot Hole)	141479	2900	Two months	350/-	Class-D

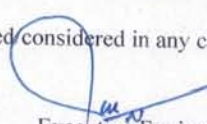
The Earnest money in the shape of National Saving certificate/Time deposit/Saving account of any post office or FDR of Nationalised Bank duly pledged in the name of undersigned must be accompanied with each tender. The conditional tender and tender not accompanying the earnest money in the proper mode of deposit will summarily be rejected.

The Tender documents to be sent should have invariably be waxed in sealed cover and in failure of that those will not be entertained.

The Copy of valid enlistment, GST Registration No., Income Tax PAN No & EPF No. must be attached with application.

SPECIAL CONDITION:-

3. The tender form will be issued to those contractors who have relevant machinery and equipment, the list of which may be attached with their applications. (The proof of ownership of machinery/legal tie up arrangement).
4. The tender form will not be issued to those contractors who have already two works in hand. The earnest money for the above work should be submitted with the application for the purchase of the tender forms. The application received without earnest money shall summarily be rejected.
5. The conditional/ambiguous/telegraphic tenders or tender by fax shall not entertained/considered in any case.


Executive Engineer
Bangana Division
HPPWD Bangana.

No.PW/BGN/CB/T-1/2020-21- **14359-14390**

Cop forwarded to the following for information and necessary action:-

1. The Engineer-in-Chief HPPWD, Nirman Bhawan Shimla.
2. All the Chief Engineer in HPPWD.
3. The Superintending Engineer, 15th Circle, HPPWD., Una.
4. All the Assistant Engineer, working under this Division.
5. The B.D.O. Bangana
6. Accounts Branch.
7. Drawing Branch.
8. Various Contractors working under this Division
9. Notice Board.

dated **28.02.2022**


Executive Engineer,
Bangana Division.

Certificate

Certified that the tenders called vide this office letter No. PW/BGN/CB/T-1/2020-21-14359-14390 dated 28.02.2022 is emergent nature and in public interest.



Executive Engineer,
HPPWD Division
Bangana.

SCHEDULE OF QUANTITY

**Name of work:- C/o Helipad Thanakalan at Tihra Tehsil Bangana Dist. Una (HP)
(SH: Site Development).**

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		
				Earnest Money Rs		
				Time Limit: Two Month		
				Figures	Words	AMOUNT Rs. P
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-charge at site and sorting out useful materials and stacking the same in all leads and lifts on acquired width of road and transportation for filling in road ways, camber, embankments for grade improvements and disposal of all surplus material to required width of the road or to approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials, tool and labour if required. Any loss to the public private property during the course to execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all the cases as per the direction of engineer-in-charge including carriage of material with in all leads and lifts. All useful material such as stone, shingle, sand and slates etcetra shall be sorted out. A recovery of 250.66 cum (Two hundred fifty decimal six six cubic meter) stone to be obtained from excavation cutting at the rate of Rs. 300/- (Rupees Three hundred) per cubic metre shall be effected on prorata bases in each running bill for this item. including carriage of material with in all leads and lifts and other incidentals. The rate includes octroi, royalty, malkhana, toll tax, GST, labour cess or other taxes imposed by the Government.	752.07	Per Cubic metre.			
2	Banking excavated earth all kind of soil in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller, or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up, in embankments for roads, flood banks, marginal banks, and guide banks etc., lead upto 50 m and lift upto 1.5 mtr and disposed earth to be levelled and neatly dressed as directed by Engineer-in-charge within all leads and lifts depth, including clearing of jungle. Pick Jumper work and than disposing of all surplus unserviceable excavated earth as directed by the Engineer-in-charge including carriage of material within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	415.00	Per Cubic metre.			
Total Rs.						

Executive Engineer
Bangana Divn. H.P.P.W.D.

BANGANA

SCHEDULE OF QUANTITY

Name of work:- C/o Helipad Thanakalan at Tihra Tehsil Bangana Dist. Una (HP) (SH: C/O Halipad Landing Zone).					Estimated Cost Rs		172140.00
					Earnest Money Rs		3500.00
					Time Limit: Two Month		
					Figures	RATE Words	AMOUNT Rs. P
Sr. No.	Description of work	Quantity	Unit				
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/ mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chieleselling , wedging out of rock(where blasting is prohibited) and their intermediate classification of soil, setting out true to the required lines, grades, width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-charge at site and sorting out useful materials and stacking the same in all leads and lifts on acquired width of road and transportation for filling in road ways, camber ,embankments for grade improvements and disposal of all surplus material to required width of the road or to approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials ,tool and labour if required. Any loss to the public private property during the course to execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all the cases as per the direction of engineer-in-charge including carriage of material with in all leads and lifts. All useful material such as stone, shingle, sand and slates etcetra shall be sorted out. A recovery of 13.33 cum (Thirteen decimal three three cubic meter) stone to be obtained from excavation cutting at the rate of Rs. 300/-(Rupees Three hundred) per cubic metre shall be effected on prorata bases in each running bill for this item. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	40.00	Per Cubic metre.				
2	Providing and laying in position cement concrete 1:3:6 (one cement: three coarse sand: six graded/crushed stone aggregate 20mm (twenty millimeter) nominal size mechanically mixed and curing complete excluding cost of centring and shuttering in all work upto plinth level as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	15.00	Per Cubic metre.				
3	Providing and laying in position specified grade of reinforced cement concrete work M-25 (M-twenty five) design mix to obtain compressive strength of 25N/mm ² with minimum cement contents not less than 400 kgs.(four hundred kilogram) per cubic metre mechanically mixed and vibrated including curing complete excluding cost of form work finishing and reinforcement with graded crushed stone aggregate 20mm nominal size all work upto plinth level upto all height in all floor level as per the direction by the Engineer in charge including entire carriage of materials with in all leads and lifts and other incidentals . The rates are inclusive octroi, royalty, Malkana, toll tax, sale tax, goods service tax, labour cess or other taxes imposed by the Government.	25.00	Per Cubic metre.				

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
4	Providing and laying 600mm x 600mm (six hundred millimeter into six hundred millimeter) full body matt finished double charged antiskid Duragres vitrified floor tiles of Kazaria, NITCO, SOMAMY, ORIENT, RAK, Johnson & Johnson make with water absorption less than 0.08% (zero point zero eight percent) and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty millimeter) thick cement mortar 1:4 (one cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm (three point three kilogram per square meter) including grouting the joints with white cement and matching pigments etc., complete upto any floor level/height as per the direction by the Engineer in charge including carriage of materials with in all leads and lifts and other incidentals. The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	3.50	Per Square metre.			
Total Rs.						

Executive Engineer
Bangana Divn.H.P.W.D.

BANGANA

SCHEDULE OF QUANTITY

Name of Work:- C/o link road to Village Bharmot Km 0/000 to 0/500 (SH:- C/o B/wall at Rd 0/400 to 0/415, Edge wall at Rd 0/320 to 0/327, 0/350 to 0/357 & V-shape Drain from Rd 0/400 to 0/500, CC pavement from Rd 0/475 to 0/500)						
				Estimated Cost:		214542.00
				Earnest Money:		4300.00
				Time Limit:		Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and Words		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	31.52	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	54.22	Per cubic metre			
3	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation/ for all type structure complete of plain cement concrete nominal mix 1:4:8 (One cement :four sand:eight graded crushed /broken stone aggregate 20mm (twenty Millimeter) nominal size in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and MORD technical specification Clause 802.803.1202 and 1203 as per the direction of the Engineer-in- charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	8.75	Per cubic metre			

Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and Words		AMOUNT Rs. P
				Figures	Words	
4	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundations upto all heights for all type structure complete of plain with cement concrete design mix of grade M-20 (M-twenty) cement contents not less than 350kg.(three hundred fifty kilogram) per cubic metre in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in-charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	13.13	Per cubic metre			
5	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred millimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614,709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	41.00	Each			
6	Providing and laying cement concrete work 1:3:6 (one cement: three sand:six graded stone aggregate) 40mm (forty millimetre) nominal size in open foundation mechanically mixed and vibrated including curing complete, including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	7.70	Per cubic metre			
Total in Figures						

Executive Engineer
Bangana Divn.H.P.P.W.D.

BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Various Bridge under Dear Baba Rudru Sub-Division (SH: Painting of Bridge)							Estimated Cost: 492866.00
							Earnest Money: 9900.00
							Time Limit: Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P	
				Figures	Words		
1	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarried on undecorated wall surfaces (two coats) to give an even shade after thoroughly brushing the surface to remove all dirt, dust and other foreign matter etc including sand papred smooth complete, including carriage of material/machinery required to execute the work in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	9127.15	Per square metre				
Total in Figures							


 Executive Engineer
 Bangana Divn. H.P.P.W.D.
 BANGANAPUR

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on various Bridge under Dera Baba Rudru Sub-Division (SH:- P/F Hazard marker sign boards both sides of bridge)					Estimated Cost:-	270120.00
					Earnest Money:-	5500.00
					Time Limit:	Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P
				Figures	Words	
1	Hazard marker sign board 300x900mm rectangular as per IRC 97-2012 with high intensity Microprismatic grade retro reflective sheeting as per ASTM D 4956 09 and IRC 67-2012, fixed over 4mm thick Aluminium composite material (ACM) sheeting having skin thickness of 0.4 to 0.5mm on both sided and fixing the same with suitable size aluminium alloy revets @ 200mm c/c to back supported of frame 25x35x3mm angle iron supported on a square hollow steel section post 60x60x3mm confirming to IS 4923 firmly fixed to ground including foundation concrete M-25 of size 0.45x0.45x0.60m for vertical post complete as per clause 801 of MORTH specification, including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	120.00	Each			
Total in Figures						


 Engineer
 Bangana Divn.H.P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Various road under Dera Baba Rudru Sub-Division (SH:- P/F Glow stud of size 100x20mm on Una Takka Dhamandri road 4/000 to 7/000)					Estimated Cost:	99044.00
					Earnest Money:	2000.00
					Time Limit:	Two month
					RATE in Figures and words	AMOUNT Rs. P
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures	Words	
1	Providing and fixing Glow road studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acryloretite)or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The cats eye shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be (35 +/-5) degress to base . The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS:873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge, including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octori, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	575.00	Each			
Total in Figures						


 Executive Engineer
 Dargana Divn.H.P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

ame of Work:- A/R & M/O Various road under Dera Baba Rudru Sub-Division (SH:- P/F Glow stud of size 100x20mm on Una Barera road 2/000 to 4/000)

	Description of work	No.or Qty.	Unit	RATE in Figures and words	Words	Estimated Cost:
						Earnest Money:
						Time Limit:
						Two month
						AMOUNT Rs. P
1.	Providing and fixing Glow road studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acryloretrite)or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The cats eye shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be (35 +/-5) degress to base . The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS:873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge, including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	575.00	Each			99044.00
Total in Figures						2000.00

Executive Engineer
Bangana Divn. H.P.P.W.D.
BANGANAPUR

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Various road under Dera Baba Rudru Sub-Division (SH:- P/F Glow stud of size 100x20mm on Una Takka Dhamandri road 7/000 to 10/000)					Estimated Cost:	99044.00
					Earnest Money:	2000.00
					Time Limit:	Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P
				Figures	Words	
1	Providing and fixing Glow road studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acrylorethrite)or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The cats eye shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be (35 +/-5) degress to base . The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS:873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge, including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octori, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	575.00	Each			
Total in Figures						


 Executive Engineer
 Bangana Divn.H.P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Various road under Dera Baba Rudru Sub-Division (SH:- P/F Glow stud of size 100x20mm on Una Barera road 4/000 to 8/000)					
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words	
				Figures	Words
1	Providing and fixing Glow road studs of size 100x20 mm made of heavy duty body shall be moulded ASA (Acrylic styrene Acryloretrite)or HIP (High impact polystyrene) or ABS having electronically welded micro- prismatic lens with abrasion resistant coating as approved by Engineer in charge. The cats eye shall support a load of 13635 kg tested in accordance with ASTM D4280. The slope of retro- reflective surface shall be (35 +/-5) degress to base . The reflective panels on both sides with at least 12 cm of reflective area up each side. The luminance intensity should be as per the specification and shall be tested as described in ASTM I: 809 as recommended in BS:873 part 4 : 1973. The studs shall be fixed to the Road surface using the adhesive conforming to IS, as per procedure recommended by the manufacturer complete and as per direction of Engineer-in-charge, including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	575.00	Each		
Total in Figures					

Executive Engineer
Bangana Divn.H.P.P.W.D.
BANGANA

Tab 10

DRAFT SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Barsar Piploo Bhiambi road Km 0/000 to 22/000 (SH: P/L Wire crate from RD 14/300 to 14/630) 14/300 to 14/630					Estimated Cost Rs 189989.00	
					Earnest Money Rs 3800.00	
					Time Limit: Two Month	
Sr. No.	Description of work	Quantity	Unit	RATE		
				Figures	Words	
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the	60.00	Per cubic metre			
2	Providing and laying of boulder apron laid in wire crates with 4 mm (Four millimeter) dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 including hauling of materials in all leads, lifts and other incidental as per the entire satisfaction and directions of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.	125.00	Per cubic metre			
				Total		


 Executive Engineer
 Bangana Divn.H.R.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on Handola Jagatkhana road Km 0/000 to 3/390 (SH:- C/o B/wall from Rd 3/290 to 3/330)					Estimated Cost:	208817.00
					Earnest Money:	4200.00
					Time Limit:	Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words	AMOUNT Rs.	P
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	30.16	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	94.19	Per cubic metre			
3	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred millimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614,709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	40.00	Each			
Total in Figures						

Executive Engineer
 Bangana Divn.H.P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O on Bangana Thathoon via Tamlet road Km 0/000 to 2/975 (SH: C/o Wire crate for Bridge Apron at Rd 2/000)

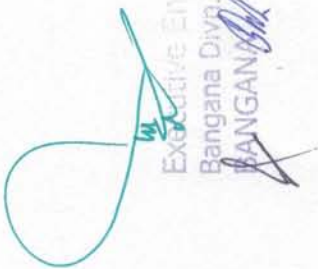
Name of work:- A/R & M/O on Bangana Thathoon via Tamlet road Km 0/000 to 2/975 (SH: C/o Wire crate for Bridge Apron at Rd 2/000)			Estimated Cost Rs		499129.00
			Earnest Money Rs		10000.00
			Time Limit:		Two Month
Sr. No.	Description of work	Quantity	Unit	RATE	
				Figures	Words
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	231.75	Per cubic metre		
2	Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x 100mm (one hundred into one hundred millimetre) mesh (weaved diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause No. 1301. including carriage of materials within all leads and lifts and other incidental.The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	321.88	Per cubic metre		
		Total in Figures			

Executive Engineer
Bangana Divn H.P.P.W.D.
BANGANA

Job No. 13

SCHEDULE OF QUANTITY

Name of work : A/R & M/O various road under HPPWD Sub-Division Bangana. (SH:- P/F very high Intensity over head sign board Gantry print on the both side (Legend shall include all letters,numbers, arrows, borders and base logo , symble etc. (cantilever Gantry gate).							
S. No.		Description of work	Quant ity	Unit	RATE In		AMOUN T
					Figures	Words	
1		Providing and fixing Very high Intensity grade type 9 (Typically Unmetalized Microprismatic Element) retro reflective Over Head Gantry (U-shape Gantry)for signages system informatory board made out of 2mm thick aluminium sheet conforming to IS 736 of area of information on each side of size 8.80m x1.20m x12m x 1.20m on the span of 8.80 m to 12.00m respectively as required at site to be covered with SCOTHLITE/ KIWA/ SEIVULITE OR Equivalent with high intensity grade cage retro reflective sheet colour and design conforming to ASTM D 4956. The retro reflective sheet to be fixed after etaching treatment of aluminium sheet , the back of the aluminium sheet is to be painted with the apoxy paint of standard make (to be approved by the site incharge). The informatory plate has to be fixed on frame made out of M.S. angle 35x35x5 mm and same shall be fixed on M.S. tubular structure made out of 40 mm dia horizontal member of M.S. pipe (heavy duty) and M.S. tube of 25mm dia vertical/diagonal members rested on the vertical pillars of 6.00mtrs. In height and 350 mm in diameter made out of M.S. pipe 6mm minimum thickness. The whole structure fixedon the shoe M.S. plate of size 1000x1000x12 mm and top M.S. plate of size 850x850x10 mm bottom stiffening top stiffening etc. duly painted with apoxy paint and erected on two No. RCC 1:1.5:3 (1 cement :1.5sand : 3 graded stone aggregate 20 mm thick) whose details shown in the drawing constructed at site with 900 mm long 32mm in dia bolts including transporation to site handling charges and cranes charges. The work also include the cost of the nuts and bolts. washers etc. complete in all respect as per the drawing and to the entire satisfaction of Engineer-in charge.	2.00	Each			


 Executive Engineer
 Bangana Divn H.P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of work : A/R & M/O various road under HPPWD Sub-Division Bangana. (SH:- P/F typical informative sign board, typical Logo and typical Citizen informative sign board).						
Estimated Cost Rs. :- 273328-00 Earnest Money Rs. :- 5500-00 Time limit :- Two month						
Sl. No.	Description of work	Quan tity	Unit	RATE In		AMOUNT
				Figures	Words	
1	Providing and fixing of typical PMGSY informative sign board with Logo as per MORD specifications and drawing. Three ACP sheet Plates of 3 mm thick, top and middle plate duly welded with frame of 25mm square pipe75mm size on back . The lower plate will be welded with MS pipe frame of 25mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 75mm x 75mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1 (Providing and Fixing 'Logo' of PMGSY Project (Title Informatory Board).as per the direction of the Engineer-in-charge ,including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octori, royalty,malkhana , toll tax,labour cess or other taxes imposed by the Government..	5.00	Each			

Job No. 14

2	Providing and fixing of typical PMGSY Logo as per MORD specifications and drawing. The board made of 3mm thick ACP sheet covered with type 3 or 4 reflective sheeting as per IRC. Supported by M.S. pipe frame of 25mm with post of 75mm x 75mm pipe post and two ISI mark. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1. { Providing and Fixing 'Logo' of PMGSY Project double sided } including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octroi, royalty, malikana, toll tax, labour cess or other taxes imposed by the Government. The rate are excluding GST.	15.00	Each			
3	Providing and fixing of typical PMGSY Citizen informatory sign board as per MORD specifications and drawing. Two ACP Plates of 3 mm thick covered with retro reflective sheeting as per IRC duly supported with MS Pipe frame of 25mm x 3mm. The pipe frame will be welded to 75mm x 75 mm of 12 SWG sheet tubes frame with 50x5 mm ms plate duly embedded in cement concrete M-15 grade blocks of 600mm x 600mm x 750mm, 600mm below ground level. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1 Providing and Fixing Citizen Informatory Board of PMGSY Project. including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octroi, royalty, malikana, toll tax, labour cess or other taxes imposed by the Government.	5.00	Each			
Total						


 Executive Engineer
 Bangana Divn. H.P.P.W.D.
 BANGANAPALLE

SCHEDULE OF QUANTITY

Name of work : A/R & M/O various road under HPPWD Sub-Division Bangana. (SH:- P/F typical informatory sign board, typical Logo and typical Citizen informatory sign board).							Estimated Cost Rs. :- 273328-00 Earnest Money Rs. :- 5500-00 Time limit :- Two month		
Sl. No.	Description of work	Quan tity	Unit	RATE In		AMOUNT			
				Figures	Words				
1	Providing and fixing of typical PMGSY informatory sign board with Logo as per MORD specifications and drawing. Three ACP sheet Plates of 3 mm thick, top and middle plate duly welded with frame of 25mm square pipe 75mm size on back . The lower plate will be welded with MS pipe frame of 25mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 75mm x 75mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1 (Providing and Fixing 'Logo' of PMGSY Project (Title Informatory Board).as per the direction of the Engineer-in-charge ,including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octori, royalty,malkhana ,toll tax,labour cess or other taxes imposed by the Government..	5.00	Each						

Job No: 15

2	Providing and fixing of typical PMGSY Logo as per MORD specifications and drawing. The board made of 3mm thick ACP sheet covered with type 3 or 4 reflective sheeting as per IRC. Supported by M.S. pipe frame of 25mm with post of 75mm x 75mm pipe post of ISI mark. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1. { Providing and Fixing 'Logo' of PMGSY Project double sided } including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octroi, royalty, malkhana, toll tax, labour cess or other taxes imposed by the Government. The rate are excluding GST.	15.00	Each		
3	Providing and fixing of typical PMGSY Citizen informatory sign board as per MORD specifications and drawing. Two ACP Plates of 3 mm thick covered with retro reflective sheeting as per IRC duly Supported with MS Pipe frame of 25mm x 3mm. The pipe frame will be welded to 75mm x 75 mm of 12 SWG sheet tubes frame with 50x5 mm ms plate duly embedded in cement concrete M-15 grade blocks of 600mm x 600mm x 750mm, 600mm below ground level. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1 Providing and Fixing Citizen Informatory Board of PMGSY Project. including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octroi, royalty, malkhana, toll tax, labour cess or other taxes imposed by the Government.	5.00	Each		
	Total				


 Executive Engineer
 Bangana Diva H.P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O on link road Mahrot Rajputtan Km 0/000 to 0/300 (Sh: P/L CC Pavement from Rd 0/090 to 0/200 over GSB).				Estimated Cost Rs		328854.00
				Earnest Money Rs		6600.00
				Time Limit:		Two Month
Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
1	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation/ for all type structure complete of plain cement concrete nominal mix 1:4:8 (One cement :four sand: eight graded crushed /broken stone aggregate 20mm (twenty Millimeter) nominal size in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and MORD technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in- charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	44.00	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundations upto all heights for all type structure complete of plain with cement concrete design mix of grade M-20 (M-twenty) cement contents not less than 350kg.(three hundred fifty kilogram) per cubic metre in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in- charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	66.00	Per cubic metre			
		Total in Figures				

Executive Engineer
Bangana Divn.,H.P.P.W.D.

BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Lathiani Kodra road Km 0/000 to 8/420 (SH:- ROFD from Rd 5/305 to 5/540 & R/wall from Rd 5/315 to 5/327)

Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P
				Figures	Words	
						Estimated Cost: 122825.00 Earnest Money: 2500.00 Time Limit: Two month
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/ mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock, chiselling, wedging out of rock(wher blasting is prohibited) and their intermediate classification of soil , setting out true to the required lines, grades, width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-charge at site and sorting out useful materials and stacking the same in all leads and lifts on acquired width of road and transportation for filling in road ways, camber ,embankments for grade improvements and disposal of all surplus material to required width of the road or to approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its leveling, fine dressing and carriage of machineries, materials ,tool and labour if required. Any loss to the public private property during the course to execution shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all the cases as per the direction of engineer-in-charge including carriage of material with in all leads and lifts. All useful material such as stone, shingle, sand and slates etcetra shall be sorted out. A recovery of 11.28 cum (Eleven decimal two eight cubic meter) stone to be obtained from excavation cutting at the rate of Rs. 300/ (Rupees Three hundred) per cubic metre shall be effected on prorata bases in each running bill for this item. including carriage of material with in all leads and lifts and other incidentals .The rate includes octori, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	112.76	Per Cubic metre.			
2	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octori, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	12.56	Per cubic metre			

Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P
				Figures	Words	
3	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	35.10	Per cubic metre			
4	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred millimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614,709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	22.00	Each			
5	Back filling with granular material behind return wall, abutment, wing wall and retaining walls complete as per drawing and technical specifications clause 1204.3.8 and as per direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.	13.82	Per cubic metre			
Total in Figures						

Executive Engineer
Bangana Divn.H.P.P.W.D.
BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on Link road Una Amb Mubarikpur road to Mohalla Khawaja (SH: Providing Interlocking Paver Block flooring in Km 0/000 to 0/015, 0/120 to 0/170 & 0/300 to 0/341.90)					Estimated Cost: 499856.00
					Earnest Money: 10000.00
					Time Limit: Two month
Sr. No.	Description of work	No. or Qty.	Unit	RATE in Figures and words	AMOUNT Rs. P
				Figures	Words
1	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation/ for all type structure complete of plain cement concrete nominal mix 1:4:8 (One cement :four sand: eight graded crushed /broken stone aggregate 20mm (twenty Millimeter) nominal size in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and MORD technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in- charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	55.94	Per cubic metre		
2	Construction of pavement with 80mm (eighty millimetre) thick concrete blocks conforming to clause 1504.2.1 of MORD specifications, paved and compacted over a thin bedding of sand layers (material meeting the requirement of Table 1500.6 of these specifications) of specified grading to be spread over a properly constructed and profiled base course and bounded by properly edge restraints conforming to clause 1504.2.2 and 1504.2.3 of these specifications and complete the work to the satisfaction of Junior Engineer and Assistant Engineer of the area. (Subject to further entire satisfaction of the Engineer-in-Charge), including carriage of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST, sale tax or other taxes imposed by the Government. The pavers should be from one of the make of NITCO Modren,NTC,GICO and ISI make.	559.43	Per Square metre		
3	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundations upto all heights for all type structure complete of plain with cement concrete design mix of grade M-20 (M-twenty) cement contents not less than 350kg.(three hundred fifty kilogram) per cubic metre in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in- charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	11.55	Per cubic metre		
Total in Figures					

Executive Engineer
Bangana Divn H.P.P.W.D.
BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on Una Takka road Km 0/000 to 9/225 (SH: Replacement of damaged Bridge railing at Rd 2/548 to 2/690)

				Estimated Cost: 474168.00	
				Earnest Money: 9500.00	
				Time Limit:	Two month
Sr. No.	Description of work	No. or Qty.	Unit	RATE in Figures and words	
				Figures	Words
1	Replacement of Damaged Concrete Railing including hauling of materials in all kinds of leads, lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	284.00	Per Running metre		
2	Providing and laying mechanically mixed and vibrated Cement concrete for plain/ reinforced concrete in Sub Structure of bridge complete of plain concrete mix designed mix to obtain minimum compressive strength of grade M-20 (M twenty) with minimum cement content not less than 350 kg. per cubic meter on ground or under water including curing complete including pumping or bailing out water , dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work in abutments etc. as per drawings and technical specification and as per direction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental. The rates are inclusive of octroi, royalty, Malkhana, toll tax, GST or other taxes imposed by the Government.	79.165	Per Cubic metre		
3	Supplying, fitting and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specification including cutting ,bending, binding and placing in position complete in all respect including cost of binding wire upto all heights as per the entire satisfaction and directions of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental. The rates are inclusive of octroi, royalty, Malkhana, toll tax, GST or other taxes imposed by the Government.	3.284	Per Tonne		
Total in Figures					

Executive Engineer
Bangana Divn.H.P.P.W.D.

BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on Jharkhar road from TMBD road Km 0/000 to 4/325 (SH:- C/o R/wall at Rd 4/037 to 4/053 & 1/145 to 1/161)

					Estimated Cost:	489724.00
					Earnest Money:	9800.00
					Time Limit:	Two month
					RATE in Figures and words	AMOUNT
					Figures	Rs. P
Sr. No.	Description of work	No.or Qty.	Unit			
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	66.58	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	210.14	Per cubic metre			
3	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred millimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614,709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	90.00	Each			
4	Back filling with granular material behind return wall, abutment, wing wall and retaining walls complete as per drawing and technical specifications clause 1204.3.8 and as per direction of Engineer - in- Charge including carriage of materials within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.	49.34	Per cubic metre			
Total in Figures						

Executive Engineer
 Raigana Division, P.W.D.
 RAIGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on TMBD road Km 0/000 to 28/675 (SH:- C/o B/wall at Rd 1/140 to 1/165)							
Estimated Cost:		92716.00					
Earnest Money:		1900.00					
Time Limit:		Two month					
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P	
				Figures	Words		
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	31.88	Per cubic metre				
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	39.91	Per cubic metre				
3	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred milimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614,709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	24.00	Each				
Total in Figures							

Executive Engineer
Bangana Divn.H.P.P.W.D.
BANGANA

SCHEDULE OF QUANTITY

Name of work:- C/o link road to Village Jakhola from Hatli Beri road Km 0/000 to 1/750 (Sh: C/o V-shape Drain from Rd 0/540 to 0/900, 1/200 to 1/475, U-shape drain from Rd 1/030 to 1/200, B/wall from Rd 0/915 to 0/930 & CC pavement from Rd 0/495 to 0/510 & 0/915 to 0/930).				Estimated Cost Rs		499747.00
				Earnest Money Rs		10000.00
				Time Limit:		Two Month
Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	145.57	Per cubic metre			
2	Providing and laying cement concrete work 1:3:6 (one cement: three sand:six graded stone aggregate) 40mm (forty millimetre) nominal size in open foundation mechanically mixed and vibrated including curing complete, including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification Clause 802,803,1202 and 1203 as per the direction of the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	120.56	Per cubic metre			
3	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundations upto all heights for all type structure complete of plain with cement concrete design mix of grade M-20 (M-twenty) cement contents not less than 350kg.(three hundred fifty kilogram) per cubic metre in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in- charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	15.75	Per cubic metre			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
4	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	32.40	Per cubic metre			
5	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred milimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614,709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	128.00	Each			
Total in Figures						

Executive Engineer
Bangana Divn.H.P.P.W.D.,
PANGANA

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Pedestal at Bangana Rest House (Sh: Balance work of Pedestal)					Estimated Cost Rs		126391.00
					Earnest Money Rs		2600.00
					Time Limit:		Two Month
					Figures	Words	AMOUNT Rs. P
Sr. No.	Description of work	Quantity	Unit				
1	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation/ for all type structure complete of plain cement concrete nominal mix 1:4:8 (One cement :four sand: eight graded crushed /broken stone aggregate 20mm (twenty Millimeter) nominal size in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and MORD technical specification Clause 802.803.1202 and 1203 as per the direction of the Engineer-in- charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	14.97	Per cubic metre				
2	Construction of pavement with 60mm (Sixty millimetre) thick concrete blocks conforming to clause 1504.2.1 of MORD specifications, paved and compacted over a thin bedding of sand layers (material meeting the requirement of Table 1500.6 of these specifications) of specified grading to be spread over a properly constructed and profiled base course and bounded by properly edge restraints conforming to clause 1504.2.2 and 1504.2.3 of these specifications and complete the work to the satisfaction of Junior Engineer and Assistant Engineer of the area. (Subject to further entire satisfaction of the Engineer-in-Charge), including carriage of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST, sale tax or other taxes imposed by the Government. The pavers should be from one of the make of NITCO Modren,NTC,GICO and ISI make.	142.92	Per Square metre				
3	Providing and fixing Garsa stone 12mm(twelve millimeter) thick in cladding on RCC surface side as on facece of Arch masonry wall etc. and pillars laid on 12mm(tweleve millimeter) thick cement mortar 1:3 (one cement : three sand) and jointed with cement slurry i/c scaffolding etc.complete upto any floor level height including entire carriage of material within all leads and lifts and other incidentals and as per the direction by the Engineer-in-charge .The rates are inclusive octroi, royalty,malkhana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government .	15.18	Per square meter				

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
4	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundations upto all heights for all type structure complete of plain with cement concrete design mix of grade M-20 (M-twenty) cement contents not less than 350kg.(three hundred fifty kilogram) per cubic metre in or under water and curing complete including pumping or bailing out water,dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in-charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	1.42	Per cubic metre			
Total in Figures						

Executive Engineer
Bangana Divn.H.P.W.D.

BANGANAH

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on Barsar Piploo Bhiambi road Km 0/000 to 22/000 (SH:- C/o R/wall from Rd 14/450 to 14/535)

					Estimated Cost:	491548.00
					Earnest Money:	9900.00
					Time Limit:	Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	115.50	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	215.50	Per cubic metre			
3	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred milimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614.709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	65.00	Each			
4	Back filling with granular material behind return wall, abutment, wing wall and retaining walls complete as per drawing and technical specifications clause 1204.3.8 and as per direction of Engineer - in- Charge including carriage of materials within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.	30.25	Per cubic metre			
Total in Figures						

Executive Engineer
Bangana Divy H.P.P.W.D.
BANGANA

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Hatli Talpi road in Km 0/000 to 7/635 (SH: P/F crash Barriar at Rd 7/075 to 7/130 & 7/200 to 7/285)				Estimated Cost Rs		499747.00
				Earnest Money Rs		10000.00
				Time Limit:		Two Month
Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	12.32	Per cubic metre			
2	Providing and laying cement concrete work 1:3:6 (one cement: three sand:six graded stone aggregate) 40mm (forty millimetre) nominal size in open foundation mechanically mixed and vibrated including curing complete, including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification Clause 802,803,1202 and 1203 as per the direction of the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	12.32	Per cubic metre			
3	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 810.including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government	140.00	Per Running metre			
		Total in Figures				


 Executive Engineer
 Bangalore Division P.P.W.D.
 KANGANAH

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Hatli Talpi road in Km 0/000 to 7/635 (SH: P/F crash Barrier at Rd 2/870 to 2/930 & 2/330 to 2/408)					Estimated Cost Rs 482154.00	
					Earnest Money Rs 9700.00	
					Time Limit: Two Month	
Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	12.32	Per cubic metre			
2	Providing and laying cement concrete work 1:3:6 (one cement: three sand:six graded stone aggregate) 40mm (forty millimetre) nominal size in open foundation mechanically mixed and vibrated including curing complete, including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification Clause 802,803,1202 and 1203 as per the direction of the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	12.32	Per cubic metre			
3	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 810.including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government	138.00	Per Running metre			
Total in Figures						

Executive Engineer
Bangana Diva H.P.P.W.D.
BANGANA

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Bohru to Ramp (Olinda) via Chowkhat Sanhal Salangri Km 0/000 to 11/090 (SH: C/o B/wall in wire crate at Rd 4/601 to 1/672)

				Estimated Cost Rs 492599.00	
				Earnest Money Rs 9900.00	
				Time Limit: Two Month	
Sr. No.	Description of work	Quantity	Unit	RATE	
				Figures	Words
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government.	213.00	Per cubic metre		
2	Providing and laying of boulder apron laid in wire crates made with 4mm dia GI wire conforming to IS:280 and IS: 4826 in 100mm x 100mm (one hundred into one hundred millimetre) mesh (weaved diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause No. 1301. including carriage of materials within all leads and lifts and other incidental.The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	319.05	Per cubic metre		
		Total in Figures			

Exd. Engineer
Bangalore Divn H.P.P.W.D.
BANGALORE

SCHEDULE OF QUANTITY

Name of Work:- C/o Link road Naloot Pansai Km 0/000 to 5/550 (SH:- C/o R/wall from Rd 1/590 to 1/605)					Estimated Cost: 189983.00	
					Earnest Money: 3800.00	
					Time Limit:	Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 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 any lead and upto any 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 millimetres) compacted thickness including shoring and strutting 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 direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	27.68	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	79.61	Per cubic metre			
3	Providing weepholes in brick masonry/ stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm(hundred milimetre) dia PVC pipe make of (D-plast) / Finolex,) working pressure not less than 4.5 (four point five) kg/cm ² extending through the full width of the structures with slope of 1(v):20(H)(one vertical twenty horizontal) towards drawing face complete as per drawings and technical specification clause 614.709,1204.3.7 including carriage of material with in all leads and lifts and other incidentals .The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government..	42.00	Each			
4	Back filling with granular material behind return wall, abutment, wing wall and retaining walls complete as per drawing and technical specifications clause 1204.3.8 and as per direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.	23.13	Per cubic metre			
Total in Figures						


 Engineer
 Bangana Divin H. p.p.w.D.
 KANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O on Link road from Jagatkhana to Upper Raipur via Baroghata and Gharwasra (Under MMGSY) (SH:- C/o CC Pavement at Rd 0/885 to 1/015) (Deposit Work)					Estimated Cost: 330033.00	
					Earnest Money: 6600.00	
					Time Limit:	Two month
Sr. No.	Description of work	No. or Qty.	Unit	RATE in Figures and words		AMOUNT Rs. P
				Figures	Words	
1	Loosening of the ground upto a level of 300mm below the subgrade level, watered graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as MORD per technical Specification Clause 303.5.2 including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.	205.77	Per cubic metre			
2	Stone soling properly handpacked filling interstices with spalls and consolidating with power road roller to the requested gradient and combor including spreading watering and rolling of binding materials moorum or earth etc. complete as per HP.PWD specification. 100 mm spread thickness (finished work including materials and labour) within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	67.60	Per cubic metre			
3	Providing and laying mechanically mixed and vibrated concrete for plain/ reinforced concrete in open foundation/ for all type structure complete of plain cement concrete nominal mix 1:4:8 (One cement :four sand: eight graded crushed /broken stone aggregate 20mm (twenty Millimeter) nominal size in or under water and curing complete including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and MORD technical specification Clause 802.803.1202 and 1203 as per the direction of the Engineer-in-charge including carriage of material with in all leads and lifts and other incidentals .The rate includes octroi, royalty, malkhana ,toll tax, GST, labour cess or other taxes imposed by the Government.	57.16	Per cubic metre			
4	Providing and laying mechanically mixed and vibrated reinforced cement concrete of nominal mix 1 : 2 : 4 {one cement : two sand : four graded crushed stone aggregate 20mm (twenty millimetres)} nominal size grade M-20 (M-twenty) in open foundation and curing complete, including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specifications Clause 802,803,1202 and 1203 as per the direction of the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	45.73	Per cubic metre			
Total in Figures						


 Executive Engineer
 Bangana Division P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Varous Road Under Bangana Sub-Division (SH:- Repair of Pot Hole)					Estimated Cost:	141479.00
					Earnest Money:	2900.00
					Time Limit:	Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words	AMOUNT Rs.	P
				Figures		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat at the rate of 0.30Kg (zero decimal three zero kilogramme) per square metre, 20 mm (twenty millimeter) compacted thickness, composed of crushed stone aggregate 13.2mm (thirteen decimal two millimetre) to 5.6mm (five decimal six millimetre) aggregate at rate of 0.27 cum (zero point two seven cubic metres); mixed with Bitumen VG-10 at the rate 1.46 Kg (one point four six kilogramme) per square metres of road surface to required line grade and level to serve as wearing course on a previously prepared base, including mixing and heating binder and aggregate in Hot Mix Plant 30/40 (Thirty/ Forty) Tonne per hour capacity, transporting mixed material with tipper and laying manually to the required grade and camber and rolling with a three Wheel 80-100 (Eighty-hundred) KN static road roller, finished to required level and seal coat seal coat for sealing the voids in a bituminous surface laid to specified level grade and cross fall using type-B as per technical specification clause 510 using BITUMEN VG - 10 at the rate of 0.68 kg (zero point six eight kilogram) premixed with 0.006 (zero point zero-zero six) cubic metre of fine aggregate per Sqm. (square metre) heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 8-10 (eight to ten) tonne capacity specification Clause 1904.2,503 and 508.1, including carriage of materials within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	771.00	Per square metre			
Total in Figures						


 Executive Engineer
 Bangana Divn.H.P.P.W.D.
 BANGANA

SCHEDULE OF QUANTITY

Name of Work:- A/R & M/O Varous Road Under Dera Baba Rudru Sub-Division (SH:- Repair of Pot Hole)					Estimated Cost:	141479.00
					Earnest Money:	2900.00
					Time Limit:	Two month
Sr. No.	Description of work	No.or Qty.	Unit	RATE in Figures and words	Words	AMOUNT Rs. P
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat at the rate of 0.30Kg (zero decimal three zero kilogramme) per square metre, 20 mm (twenty millimeter) compacted thickness, composed of crushed stone aggregate 13.2mm (thirteen decimal two millimetre) to 5.6mm (five decimal six millimetre aggregate at rate of 0.27 cum (zero point two seven cubic metres), mixed with Bitumen VG-10 at the rate 1.46 Kg (one point four six kilogramme) per square metres of road surface to required line grade and level to serve as wearing course on a previously prepared base, including mixing and heating binder and aggregate in Hot Mix Plant 30/40 (Thirty/ Forty) Tonne per hour capacity, transporting mixed material with tipper and laying manually to the required grade and camber and rolling with a three Wheel 80-100 (Eighty-hundred) KN static road roller, finished to required level and seal coat seal coat for sealing the voids in a bituminous surface laid to specified level grade and cross fall using type-B as per technical specification clause 510 using BITUMEN VG - 10 at the rate of 0.68 kg (zero point six eight kilogram) premixed with 0.006 (zero point zero-zero six) cubic metre of fine aggregate per Sqm. (square metre) heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 8-10 (eight to ten) tonne capacity specification Clause 1904.2.503 and 508.1, including carriage of materials within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.	771.00	Per square metre			
Total in Figures						


 Executive Engineer
 Bangana Divn H.P.P.W.D.
 BANGANAH