

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: -

11.02.2022 upto 5.00 PM.

5. Date of issue /sale of tender forms against
Cash payment (Non-refundable):-

14.02.2022 upto 4.00 PM.

3. Date of receipt of tenders: -

15.02.2022 upto 10.30 AM.

7. Date of opening of tenders: -

15.02.2022 at 11.00 AM.

Sr.No.	Name of Work	Estimated Cost	EMD	Time Limit	Cost of Tender	Eligible class of Contractor
1	A/R & M/O P.W.D. Rest House Bangana. (SH:- C/O VIP suit on First Floor).	261103	5300	Two months	350/-	Class-D
2	A/R & M/O P.W.D. Rest House Bangana. (SH:- C/O VIP suit on First Floor).	493805	9900	Two months	350/-	Class-D
3	A/R & M/O P.W.D. Rest House Bangana. (SH:- Demolation of floor tile & P/F tile work in Drawing & Dining room).	231389	4700	Two months	350/-	Class-D
4	A/R & M/O P.W.D. Rest House Bangana. (SH:- C/O Boundry wall around Rest House & Office).	499855	10000	Two months	350/-	Class-D
5	C/O Play ground, R/wall & Boundry wall at Govt. Degree collage Bangana. (SH:-C/o steps near canteen).	446473	9000	Two months	350/-	Class-D
6	C/O Play ground, R/wall & Boundry wall at Govt. Degree collage Bangana. (SH:-Formation cutting near canteen).	140193	2900	Two months	350/-	Class-D
7	A/R & M/O P.W.D. Rest House Bangana. (SH:-P/L Granite stone cladding and stainless steel , letter words in pedestal).	154956	3100	Two months	350/-	Class-D
8	A/R & M/O link road to village kehlwin km 0/0 to 2/0.(SH:- P/L crate in village Ghatti from RD 0/300 to 0/330).	189989	3800	Two months	350/-	Class-D
9	A/R & M/O Civil Hospital Bangana Distt. Una (SH:- repair of 6 Nos. toilet at CHC Bangana).	196615	4000	Two months	350/-	Class-D
10	A/R & M/O on UAM road km 0/0 to 39/700. (SH: P/I of 1 no. Computer, 1 no 650VA offline UPS System, 1 no. Printer and 1 no. Laptop).	183500	3700	Two months	350/-	Class-D
11	A/R & M/o Barsar Piploo Bhiambi road km 0/0 to 22/0. (SH:-- Providing and fixing Crash Barrier including edge wall (Portion 1/570 to 1/900) at various RD's).	499160	10000	Two months	350/-	Class-D

12	A/R & M/o Barsar Piploo Bhiambi road km 0/0 to 22/0. (SH: Providing and fixing Crash Barrier including edge wall (Portion 6/705 to 6/975)at various RD's).			months		
13	A/R & M/o Barsar Piploo Bhiambi road km 0/0 to 22/0. (SH: Providing and fixing Crash Barrier including edge wall (0/690 to 0/900)at various RD's	499160	10000	Two months	350/-	Class-D
14	Upgradation of MDR - 114, Thana Kalan-Mandli-Bhakhra Dam road km - 0/000 to km-28/675 under CRF. (SH: Preparation of detailed detailed Project Report, CBR, BBDT and Axle load survey)	399435	8000	Two months	350/-	Class-D
15	(1) Construction of R.C.C T-Beam Bridge 3-span 15.25m each on Link road From Bhaloh to Bhalola Takka Datwara road Abadi Jhinghra over Dhamandari Khad at RD-0/285 & C/o link road from RD-0/00 to Km-0/615. (SH: Preparation of detailed Project Report of Bridge & Road works). (2) C/o Link road to Satleta to Tueri Badoli road via., Barera, Lower Basal i/c 2 No. Bridges over Barera Khad & Basal Khad near inox wind Factory & Teliayan Awadi from km-0/00 to km-1.500 under NABARD (SH: Preparation of Hydraulic data of 2 No. Bridges, Geo-tech Investigation and preparation of DPR for road & Bridge works). (3) C/o Link road Khawaja to Gadda Factory upto Swan Mandir GMS Lower Basal ward No.-06, Naiyan Basti, Sainiya, Brahmna Awadi Teuri upto Batiyan Awadi from km-0/000 to km- 8/00 under NABARD (SH: Preparation of DPR of road works).	494000	10000	Two months	350/-	Class-D
16	A/R & M/O various road under Bangana Sub-Division (SH: Patch works in various roads)	498717	10000	Two months	350/-	Class-D
17	A/R & M/O various road under Bangana Sub-Division (SH: Patch works in various roads)	499581	10000	Two months	350/-	Class-D
18	A/R & M/O various road under Bangana Sub-Division (SH: Patch works in various roads)	499056	10000	Two months	350/-	Class-D
19	A/R & M/O various road under Dera Baba Rudru (Basal) Sub-Division (SH: Patch works in various roads)	499355	10000	Two months	350/-	Class-D
20	A/R & M/O various road under Dera Baba Rudru (Basal) Sub-Division (SH: Patch works in various roads)	499187	10000	Two months	350/-	Class-D
21	A/R & M/O various road under Dera Baba Rudru (Basal) Sub-Division (SH: Patch works in various roads)	499223	10000	Two months	350/-	Class-D

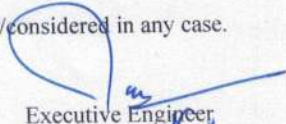
The Earnest money in the shape of National Saving certificate/Time deposit/Saving account of any post office or FDR of Nationalised Bank duly pledged in the name of undersigned must be accompanied with each tender. The conditional tender and tender not accompanying the earnest money in the proper mode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

attached with application.

SPECIAL CONDITION:-

1. 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).
2. 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.
3. 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-

12390 - 12422

dated 04-02-2022

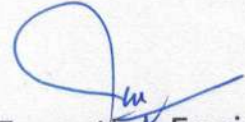
Cop forwarded to the following for information and necessary action:-

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.


Executive Engineer,
Bangana Division,
HPPWD Bangana.

Certificate

Certified that the tenders called vide this office letter No. PW/BGN/CB/T-1/2020-21-12390-12422 dated 04.02.2022 is emergent nature and in public interest.


Executive Engineer,
HPPWD Division
Bangana.

Feb No: 01

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O P.W.D. Rest House Bangana (SH: C/O VIP Suit on First Floor)

Sr. No.		Description of work	Quantity	Unit	Estimated Cost Rs	
					Earnest Money Rs	Two Month
					Time Limit:	AMOUNT Rs. P
1					Figures	Words
					RATE	AMOUNT Rs. P
1		Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for 4 mm thick glass pane (weight not less than 10 kg per sqm) doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm (twenty five millimeter) to 40 mm (forty millimeter) thick complete upto all floor level as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including 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.	11.75	Per Square metre.		
2		15mm (fifteen millimeter) Cement plaster on the rough side of single or half brick wall of mix cement mortar 1:6 (one cement: six coarse sand) in any floor level/any height 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.	81.12	Per Square metre.		
3		Providing and laying 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 work with graded crushed stone aggregate 20mm nominal size in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, stair cases and spiral stair cases above 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.	2.92	Per Cubic metre.		
4		Providing Fe-500D tor steel reinforcement make of SAIL, TISCO, RINI, JINDAL, PANTHER of JSPL, SHAYAM STEEL as per structural design for reinforced cement concrete work including straightening, cutting, bending, binding and placing in position complete in all height including cost of binding wire upto floor all level 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.	350.40	Per Kilo Gramme		

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
5	Steel work welded in built up sections/framed work approved make TATA/JINDAL, Panther of (JSPL), Sail, Shyam Steel, Tisco including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required works complete upto all heights 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.	976.75	Per Kilogram e			
6	Providing and applying white cement Birla white/J.K white based putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level/height 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.	81.12	Per Square metre.			
7	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purins, rafters and trusses and including cutting to size and shape wherever required complete upto all floor level/height 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, goods service tax, labour cess or other taxes imposed by the Government.	44.00	Per Square metre.			
8	Government. Providing and fixing Ridges plain (500 - 600mm) pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness. Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete, upto all floor level as per the direction of Engineer-in-Charge, as per 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, GST or other taxes imposed by the Government.	5.50	Per Running metre.			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
9	Providing and fixing 18mm (eighteen millimeter) thick Pre-laminated flat pressed 3 (three) layer (medium density) particle board or graded wood particle board IS : 3087 marked, with one side decorative and other side balancing lamination Grade I, Type II exterior grade IS : 12823 marked of Action tesa, Green Novapan, National, Archid Ply, Kiplly make, in shelves with screws and fittings wherever required, edges to be painted with polyurethane primer (fittings to be paid separately) complete upto all floor level as per the direction by the Engineer in charge including entire carriage of materials within 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.	1.60	Per Square metre.			
10	Providing and laying Vitrified tiles in different size (thickness to be specified by manufacturer), 800mm x 800mm (eight hundred millimeter into eight hundred millimeter) of Kazaria, NITCO, SOMAMY, ORIENT, RAK, Johnson & Johnson make, with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) etc. complete upto any floor level/ height 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, goods service tax, labour cess or other taxes imposed by the Government.	26.95	Per Square metre.			
11	Finishing walls with 100% Premium acrylic emulsion paint make of Nerolac, Berger(Bison Acrylic) Asian Paint (Tractor, Acrylic) Shalimar having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives.New work (Two or more coats applied @1.43 litre/ 10 sqm. complete upto all floor level Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm. including entire carriage of material within all leads and lifts and other incidentals as per the direction by the Engineer-in-charge . The rates are inclusive octroi, royalty,malkana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government.	62.40	Per Square metre.			
12	Applying priming coat make of ICI, Nerolac, Berger, Asian Paint, Shalimar with ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) in all floor level/height 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.	62.40	Per Square metre.			
Total						

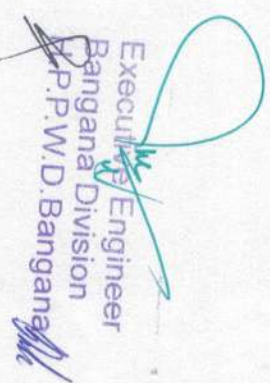
Executing Engineer
 Bangana Division
 P.P.W.D. Bangana

Tel No: 02

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O P.W.D. Rest House Bangana (SH: C/O VIP Suit on First Floor)

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		AMOUNT Rs. p
				Earnest Money Rs	9900.00	
				Time Limit:	Two Month	
Figures	RATE	Words				
1	Stone work One face dressed in plain ashlar in super structure in cement mortar 1:6 (1 cement : 6 coarse sand) including pointing with cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade complete upto all floor level as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including 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.	10.02	Per Cubic metre.			
2	Coursed rubble masonry with hard stone (first or second sort) in superstructure above plinth level and upto floor five level in Masonry work (first sort), in cement mortar 1:6 (1 cement : 6 coarse sand) any floor level/any height 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.	10.02	Per Cubic metre.			
3	Providing and supplying aluminium extruded tubular and other aluminium sections as per the architectural drawings and approved shop drawings, the aluminium quality as per grade 6063 T5 or T6 as per BS 1474, including super durable powder coating of 60-80 microns conforming to AAMA 2604 of required colour and shade as approved by the Engineer-in-Charge. (The item includes cost of material such as cleats, sleeves, screws etc. necessary for fabrication of extruded aluminium frame work. Nothing extra shall be paid on this account). The weight of aluminium extruded section shall be taken for purpose of payment complete upto 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.	239.16	Per Kilogramme			
Total						


 Executing Engineer
 Bangana Division
 P.P.W.D. Bangana

Job No. 03

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O P.W.D. Rest House at Bangana Tehsil Bangana Distt. Una (HP) (SH: Demolition of Floor Tile & P/F of Tile work in Drawing and cleaning Room)		Estimated Cost Rs		231389.00	
		Earnest Money Rs		4700.00	
		Time Limit:		Two Month	
		RATE		AMOUNT	
Description of work		Quantity	Unit	Figures	Words
Sr. No.					
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm complete upto all floor level as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including 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.	67.68	Per Square metre.		
2	Providing and laying Vitrified tiles in different size (thickness to be specified by manufacturer), 800mm x 800mm (eight hundred millimeter into eight hundred millimeter) of Kazaria, NITCO, SOMAMY, ORIENT, RAK, Johnson & Johnson make, with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS:15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately) etc. complete upto any floor level/ height 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, goods service tax, labour cess or other taxes imposed by the Government.	67.68	Per Square metre.		
3	Grouting the joints of flooring tiles size 800mm x 800mm (Eight hundred into eight hundred millimeter) having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing 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.	67.68	Per Square metre.		

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
4	Providing and fixing anodised aluminium work for shutter of doors, windows, ventilators and partitions with extruded built up standard tubular and other sections as approved make of Hindalco, Jindal, Aluminium CO. conforming to IS 733 and IS 1285 anodised transparent or dyed to required shade according to IS 1868. (Minimum anodic coating of grade AC 15) fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etcetera. Aluminium sections shall be smooth, rustfree, straight, mitted and jointed mechanically where ever required including cleast angle, aluminium, snap beading for glazing/panelling C.P. brass/stainless steel screws upto any floor level/height all complete for shutters of doors windows and ventilators including providing and fixing hinges/pivots and making provisions for fixing of fittings where ever required including the cost of PVC/ neoprene gaskets as required (fittings and glazing/panelling shall be paid for separately) as per architectural drawings 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.	209.16	Per Kilogramme			
5	Providing and fixing glazing in aluminium door, window, ventilator shutters and partition etcetera with PVC/neoprens gasket etcetera complete as per the architectural drawings and the directions of Engineer In charge (cost of aluminium snap beading shall be paid in basic item.) glazing with glass panes of 4mm four millimeter thickness {(weight not less than 10.00 kg/sqm (ten point zero zero kilogram per square meter)} 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.	11.75	Per Square Meter			
6	Providing and fixing 12mm(twelve millimeter) thick prelaminated board MDF both side bwp Phenol bonded exterior/interior grade in Shutters with frame of first class Deodar wood for cup board including nickel plated bright finished piano Hinges 25mm thick frame including entire carriage of material within all leads and lifts and other incidentals as per the direction by the Engineer-in-charge. The rates are inclusive octroi, royalty, malkana, toll tax, sale tax, GST, labour cess or other taxes imposed by the Government	2.00	Per square metre			
7	Providing and fixing double action hydraulic floor spring with stainless steel cover plate minimum 1.25 mm (one point two five millimeter) thickness of approved brand and manufacture conforming to IS : 6315, having brand logo embossed on the body / plate with double spring mechanism and door weight upto 125 kg. (one hundred twenty five kilogram) for doors, including cost of cutting floors, embedding in floors as required and making good the same matching to the existing floor finishing and cover plates with brass pivot and single piece M.S. sheet outer box with slide plate etc. complete upto all floor level as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including 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.	3.00	Each			
Total						

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

Job No: 04

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O P.W.D. Rest House at Bangana Tehsil Bangana Distt. Una (HP)
(SH: C/O Boundary wall around Rest House & Office)

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs	
				Earnest Money Rs	Two Month
				Time Limit:	AMOUNT Rs. P
		Figures	Words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm. on plan) etcetera in all kinds of earth work including spade work, pick work, jumper work, blasting work and chiselling/wedging out of rock etcetera including dressing of sides and bed and disposing of excavated earth upto all leads and lifts 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.	7.68	Per Cubic metre.		
2	Providing and laying cement concrete 1:4:8 (One cement : four coarse sand : eight graded crushed stone aggregate 40mm (forty millimetre) nominal size)mechanically mixed and curing complete excluding cost of form work upto all work plinth level including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST , labour cess or other taxes imposed by the Government.	3.91	Per Cubic metre.		
3	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to any floor level including scaffolding in all shapes and sizes in cement mortar 1:6 (one cement: six coarse sand) 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.	22.65	Per Cubic metre.		
4	Providing and laying cement concrete 1:1½:3 (1 Cement: 1½ coarse sand: 3 graded stone) aggregate 20mm (twenty millimetre) nominal size)mechanically mixed and curing complete excluding cost of form work upto all work plinth level including carriage of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-charge and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST , labour cess or other taxes imposed by the Government.	3.90	Per Cubic metre.		
5	Steel work (Tata/Sail/Shyam Steel) Structure Tisco Jindal in single section, fixed with or without connecting plate ,including cutting ,hoisting, fixing in position and applying a priming coat of red lead paint complete in all respect upto all floor level in trusses and trussed putlins in buildings upto all heights 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, goods service tax, labour cess or other taxes imposed by the Government.	1425.69	Per Kilogramme		

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
6	15mm (fifteen millimeter) Cement plaster on the rough side of single or half brick wall of mix cement mortar 1:6 (one cement: six coarse sand) in any floor level/any height 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.	472.64	Per Square metre.			
7	Providing and applying white cement based putty JK wall Putty/Birla white Putty of average thickness 1 mm (one millimeter), of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level/height 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.	472.64	Per Square metre.			
8	Finishing walls with Acrylic Smooth exterior paint of(Neolac/Assian/Berger) Bisian Acrylic (Tractor acrylic) Shalimar required shade New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) complete upto all floor level including entire carriage of material within all leads and lifts and other incidentals as per the direction by the Engineer-in-charge .The rates are inclusive octroi, royalty,malkana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government.	472.64	Per Square metre.			
9	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Make of ICI (Dulux Gloss) Nerolac, Berger (Luxol High Gloss) Asian Paints (Premium Apcolite Gloss) Shalimar Two or more coat applied @ 0.90 ltr/ 10 sqm (zero point ninety liter per ten square meter) over an under coat of primer applied @ 0.80 ltr/ 10 sqm (zero point eighty liter per ten square meter) of approved brand and manufacture upto all heights 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.	113.40	Per Square metre.			
Total						

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

Tab No: 05

SCHEDULE OF QUANTITY

Name of work:- C/O Play Ground, R/Wall & Boundary wall at Govt. Degree Collage at Bangana Tehsil Bangana Distt. Una (HP) (SH: C/O Steps near Canteen)		Estimated Cost Rs		Earnest Money Rs		Time Limit:		Two Month	
		RATE		Words		AMOUNT		Rs. P	
		Figures	Words						
Sr. No.	Description of work	Quantity	Unit						
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm. on plan) etcetera in all kinds of earth work including spade work, pick work, jumper work, blasting work and chiselling/wedging out of rock etcetera including dressing of sides and bed and disposing of excavated earth upto all leads and lifts 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.	22.20	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.	81.60	Per Cubic metre.						
Total									

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

Job No: 06

SCHEDULE OF QUANTITY

Name of work:- C/O Play Ground, R/Wall & Boundary wall at Govt. Degree Collage at Bangana Tehsil
Bangana Distt. Una (HP) (SH: Formation cutting near Canteen)

SCHEDULE OF QUANTITY						
Name of work:- C/O Play Ground, R/Wall & Boundary wall at Govt. Degree Collage at Bangana Tehsil Bangana Distt. Una (HP) (SH: Formation cutting near Canteen)				Estimated Cost Rs		
				Earnest Money Rs		140193.00
				Time Limit:	Two Month	
Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
1	Earth work in excavation Hard rock (blasting prohibited) by mechanical means (Hydraulic excavator) / manual means over over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm on plan) including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. and lifts and disposed earth to be levelled and neatly dressed as directed by Engineer-in-charge within all leads and lifts including clearing of jungle. Jungle is all kind of soil Pick work, Jumper work, Blasting work and Land blasting work and carriage of material within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST, Labour Cess or other taxes imposed by the Government.	214.74	Per Cubic metre.			
Total						

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

Job No 107

DRAFT SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Rest House at Bangana (SH: P/L Granite stone Cladding and Stainless steel letter words in Pedstal)

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		
				Earnest Money Rs	Time Limit:	Two Month
				Figures	RATE	AMOUNT
				Words		Rs. P
1	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent. complete upto all floor level, 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,malkana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government..	19.51	Per Square metre.			
2	Providing & Fixing stainless Steel letter & Words 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 Square meter			
Total						0.00


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

Job No. 08

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Link road to Village Kehlwin Km 0/000 to 2/000 (SH: P/L Wire crate in Village Chatti from RD 0/300 to 0/330)

Name of work:- A/R & M/O Link road to Village Kehlwin Km 0/000 to 2/000 (SH: P/L Wire crate in Village Chatiti from RD 0/300 to 0/330)										Estimated Cost Rs 189989.00					
Sr. No.										Earnest Money Rs 3800.00		Two Month			
										Time Limit:					
Description of work										Figures		RATE		AMOUNT	
										Words				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									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
Bangalore Division
A.P.P.W.D. Bangalore

Job No. 09

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Civil Hospital Bangana Tehsil Bangana Distt. Una (HP) (SH: Repair of 6 Nos Toilet at CHS Bangana)

Name of work:- A/R & M/O Civil Hospital Bangana Tehsil Bangana Distt. Una (HP) (SH: Repair of 6 Nos Toilet at CH&B Bangana)									
SCHEDULE OF QUANTITIES									
Name of work:- A/R & M/O Civil Hospital Bangana Tehsil Bangana Distt. Una (HP) (SH: Repair of 6 Nos Toilet at CH&B Bangana)									
Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		Earnest Money Rs		AMOUNT	
				Figures	Words	Time Limit:	Two Month	Rs.	P
1	Providing and fixing ceramic tiles 8mm (Eight millimetres) thick in flooring, 300x300mm (Three hundred into three hundred milimetre) size non slipy Nitco/Kazaria/Somany make in pattern finish in flooring, treads of steps laid on a bed of 12mm (Twelve millimetre) thick cement mortar 1:3 (One cement : three coarse sand) finished with flush pointing in white cement upto all floor levels in all heights complete including entire carriage of material with in all leads and lifts and as per drawings and technical specifications and the direction of Engineer-in-Charge including other incidentals in pattern finish approved by the 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.	51.48	Per Square metre.						
2	Providing and laying White Glazed tiles of size 600x300mm x 8mm (Six hundred into three hundrede into eight millimetres) thick of kajaria/Nitco /Somany in skirting risers of steps and dado 12mm (Twelve millimetres) , cement mortar 1:3 (One cement : three coarse sand) and jointed with flush pointing with white cement complete upto all floor level in all heights including entire carriage of material with in all leads and lifts as directed by the Engineer-in-Charge and including other incidentals in pattern finish approved by the 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.	14.28	Per Square metre.						
3	Providing and fixing vitreous china Wash down water closet (European Type W.C. Pan) with integral P or S strap including jointing and trap with soil pipe in cement mortar 1:1 (one cement : one coarse sand) seat and cover to be measured and paid for separately European seat of approved shade of hindware or its equivalent Snow White Shade of cera/Jaquar/Hindware make complete in all respect.as per HPPWD specifications,approved Drawing,design as per the entire satisfaction and direction of Engieer in charge including carriage of material within all leads lifts and other incidentals the rate inclusive of octroi,royalty,malkana and all type of texes imposed by the Government.	3.00	Each						
4	Providing and fixing vitreous china water closet squatting pen (Indian Type W.C. pan size 580mm(Five hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for hundred eighty milimetre) (Earth Work, bed concrete foot rest and trap to be measured and paid for 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Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
5	Providing and fixing 150mm(one hundred fifty millimeter) dia on wall face PVC (D-plast) (Phenolex /Vectus) rain water pipe of working pressure not less than 4.50 kg (four point five zero kilogramme) per square centimeter including filling the joints with approved adhesive complete including entire carriage of material within all leads and lifts and other incidentals as per the direction by the Engineer-in-charge .The rates are inclusive octroi, royalty,malkana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government. .	12.00	Per Running Meter			
6	Providing and fixing 100mm(one hundred millimeter) dia on wall face PVC (D-plast)(Phenolex/Vectus)rain water pipe of working pressure not less than 4.50 kg(four point five zero kilogramme)per square centimeter including filling the joints with approved adhesive complete including entire carriage of material within all leads and lifts and other incidentals as per the direction by the Engineer-in-charge .The rates are inclusive octroi, royalty,malkana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government.	69.00	Per Running meter			
7	Providing and fixing 75mm dia (Seventy five millimeter dia) PVC pipes ISI marked i/c fixing with approved adhesive etc complete. Victeous / finolex or D-Plast make (High Pressure) complete in all respect as per HPPWD specifications,approved Drawing,design as per the entire satisfaction and direction of Engineer in charge including carriage of material within all leads lifts and other incidentals the rate inclusive of octroi,royalty,malkana and all type of taxes imposed by the Government.	60.00	Per Running meter			
8	Providing and fixing 15mm dia (fifteen millimeter dia) G.I pipes ISI marked i/c fixing with approved adhesive etc complete in all respect as per HPPWD specifications,approved Drawing,design as per the entire satisfaction and direction of Engineer in charge including carriage of material within all leads lifts and other incidentals the rate inclusive of octroi,royalty,malkana and all type of taxes imposed by the Government.	48.00	Per Running meter			
9	Providing and fixing 20mm dia (Twenty millimeter dia) G.I pipes ISI marked i/c fixing with approved adhesive etc complete in all respect as per HPPWD specifications,approved Drawing,design as per the entire satisfaction and direction of Engineer in charge including carriage of material within all leads lifts and other incidentals the rate inclusive of octroi,royalty,malkana and all type of taxes imposed by the Government.	6.00	Per Running meter			
10	Providing and fixing 110 mm (one hundred ten millimeter) PVC collars in all floor level ISI marked make of FINOLEX make including fixing with approved adhesive etc etc etc complete, upto all floor level 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.	5.00	Each			
11	Providing and fixing PVC plain bend ISI marked i/c fixing with approved adhesive etc complete. Victeous / finolex or D-Plast make (High Pressure) complete in all respect as per HPPWD specifications,approved Drawing,design as per the entire satisfaction and direction of Engineer in charge including carriage of material within all leads lifts and other incidentals the rate inclusive of octroi,royalty,malkana and all type of taxes imposed by the Govt	12.00	Each			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
12	Providing and fixing 110 mm (one hundred millimetre) dia PVC 'P' or 'S' trap ISI marked including jointing the trap with the pan and PVC pipe with approved adhesive etcetra complete, 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.	3.00	Each			
13	Providing and fixing 110mm(one hundred ten millimeter) PVC plain bend ISI marked i/c fixing with approved adhesive etc complete. Victeous / finotex or D-Plast make, complete in all respect as per HPPWD specifications, approved Drawing, design as per the entire satisfaction and direction of Engineer in charge including carriage of material within all leads lifts and other incidentals the rate inclusive of octroi, royalty, malkana and all type of taxes imposed by the Govt	3.00	Each			
14	Providing and fixing 110mm(one hundred ten millimeter) PVC Door Tees ISI marked i/c fixing with approved adhesive etc complete. Victeous / finotex or D-Plast make, complete in all respect as per HPPWD specifications, approved Drawing, design as per the entire satisfaction and direction of Engineer in charge including carriage of material within all leads lifts and other incidentals the rate inclusive of octroi, royalty, malkana and all type of taxes imposed by the Govt	20.00	Each			
15	Providing and fixing CP connection pipe 45cms.(forty five centimeter) Length 15mm nominal bore (fifteen millimeters) Cera/ Jaguar or hindware make complete in all respect including entire carriage of material within all leads and lifts and other incidentals as per the direction by the Engineer-in-charge. The rates are inclusive octroi, royalty, malkana, toll tax, sale tax, GST, labour cess or other taxes imposed by the Government.	22.00	each			
16	Providing and fixing 110 mm x 75 mm (one hundred ten into seventy five millimeter) PVC floor traps ISI marked make of FINOLEX of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etcetra complete upto all floor level, 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.	15.00	Each			
17	Providing and fixing PTMT Coloured /White high density Polyethy lence propylene 10 (ten) litres capacity Pravej make (full length) European Standard control low level flushing cistern with fittings . syphon with 15mm nominal bore PVC ball valve Polythene float with a pair of. bracket with fittings . syphon with inlet, outlet and over flow pipes 40mm (forty mm) millimeter dia) C.P. Flush bend including cutting Koles in make and bottom couplings for connections and connecting the flush bend cistern and closet making good the same (over floe pipe to be measured and paid for separately) 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.	6.00	Each			
18	Providing & fixing 110 mm (one hundred ten millimeter) dia C.P. grating for floor or nahani / gully / floor trap 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.	17.00	Each			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
19	Providing and fixing PTMT angle cock 15mm (fifteen millimeter) dia of ESS/ Jaguar/make complete in all respect 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,malkana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government.	15.00	Each			
20	Providing and fixing CP brass bib tap 15mm (Fifteen millimeters) dia long nose (Superior heavy type) of Jaguar (OPEL Series) or tie equivalent in Hindware/Jal make including entire carriage of material with in all leads and lifts and as per drawings and technical specifications and the direction of Engineer in-Charge including other incidentals.	11.00	Each			
21	Providing and fixing 15mm(fifteen millimeter) dia CP brass pillar tap with capstan head ESS/ Jaguar make including entire carriage of material within all leads and lifts and other incidentals as per the direction by the Engineer-in-charge .The rates are inclusive octroi, royalty,malkana ,toll tax,sale tax,GST,labour cess or other taxes imposed by the Government.	3.00	Each			
22	Providing & fixing 32 mm (thirty two millimeter) dia M.I. union for wash basin or sink upto all floor level 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.	2.00	Each			
23	Providing and fixing CP brass waste for wash basin or sink 32 mm dia Cera Make 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.	15.00	Each			
24	Providing and fixing Zet for W.C. 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.	1.00	Each			
25	Providing and fixing PVC seat cover Make 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.	2.00	Each			
26	Providing and fixing 15mm (fifteen millimeter) dia brass full way valve with wheel maked of Zoloto, Leaded,Sant L & K upto all floor level including carriage of material within all leads and lifts and other incidental in all floor level/height. The rates are inclusive of octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government.	2.00	Each			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
27	Dismantling tiled floors laid in mortar upto floor two level including stacking of serviceable materials and disposal of un-serviceable materials within 20 metres lead (wooden/concrete joists to be measured and paid for separately for thickness of tile upto 25mm complete upto all floor level as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including 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.	38.86	Per Square metre.			
28	Demolition above G.L. upto floor two level including disposal of un-serviceable materials within 20 metres lead and including cutting the necessary reinforcement and separating out from R.B. works complete upto all floor level as per the direction by the Engineer-in-charge including entire carriage of materials with in all leads and lifts including 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.	11.66	Per Cubic metre.			
29	Excavation in foundations, trenches etc. in all kinds of earth work including spade work, pick work, jumper work blasting work including where blasting is prohibited and chiselling / wedging out of rock and their intermediate classification of soil including dewatering wherever required upto all leads and lifts and stacking the excavated soil not more than 3 metres clear from the edge of the excavation etc. then returning the stacked soil in 15 cm. layer when required into plinths, sides of foundation etc. consolidating each deposited layer by ramming and watering and then disposing of all surplus excavated earth to the dumping site through all mode of transportation including head load, animal load or mechanical means alongwith its leveling at dumping site and complete the work by mechanised means and labour (If any required) further any loss of the public and private property during the course of execution shall be the absolutely responsibility of the contractor which shall have to duly compensated by him in all respect. 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.	11.40	Per Cubic Meter			
30	Providing and laying ACC, L&T, Gujrat, Ambhuj, Vikram, Birla, JK cement, JP Rewa, Shree, JK Lakshmi, M/S Birani Cement, Ultratech makes cement concrete 1:4:8 (One cement : four sand : eight graded crushed stone aggregate 40mm (forty millimetre) nominal size) mechanical mixed and curing complete excluding cost of form work in foundation and plinth as per the entire satisfaction and direction of 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.	11.66	Per Cubic metre.			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. P
				Figures	Words	
31	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with common burnt clay building bricks in cement mortar 1:5 (1 cement : 5 sand) C.I. Cover with frame (light duty) 355mm x 610mm internal dimensions total weight of cover with frame to be not less than 38kg (weight of cover 23 kg. and weight of frame 15kg) R.C.C top slab with 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) foundation concrete 1:5:10 (1cement : 5 sand : 10 graded stone aggregate 40mm nominal size) inside plaster 15mm thick with cement mortar 1:3 (1 cement : 3 sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. Inside dimensions 600 mm x 850 mm x 450 mm deep single pipe line, 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.	2.00	Each			
Total						


 Executive Engineer
 Bangana Division
 A.P.W.D. Bangalore

Job No. 10

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O on UAM road Km 0/000 to 39/700 (SH:PI of INo. Computer, INo 650VA offline UPS System, 1 No. Printer and 1 no. Laptop)

SCHEDULE OF QUANTITIES					
Name of work:- A/R & M/O on UAM road Km 0/000 to 39/700 (SH:P/I of INo. Computer, INo 650VA offline UPS System,1 No. Printer and 1 no. Laptop)				Estimated Cost Rs	
				Earnest Money Rs	
				Time Limit:	
				Two Month	
Sr. No.	Description of work	Quantity	Unit	RATE	
				Figures	Words
				AMOUNT	
				Rs.	P
1	Providing & Instalation of Computer System Acer/Del/HP MakeVeriton- Series with Intel Core G2020 processor/Intel H61 Series or better Chipeet / 4GB DOR3 RAM / 1 TB DATA Hard Disc Drive / DVD-RW Drive / 19.5"or higher widescreen TFT Monitor/ Intel extreme graphics, Integrated 10/100/1000 Mbps Ethernet Controller / USB keyboard / optical Mouse /USB ports / PL-Windowe-10 prot and 650KVA offline UPS system. O.S-(3 years on- auto warranty except plastic parts),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.	1.00	Each		
2	Providing & Installation of Laptop Acer/Del/HP make veriton- ITB hard disc, 4GB RAM & Display 15.6" full HD. 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.	1.00	Each		
3	Providing & Instalation of All in one Printer with Print, Scan & Copy, Print upto 18ppm, Auto on/off technology One year warranty except Toner & plastic parts,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.	1.00	Each		
Total					

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

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Barsar Piploo Bhiambi road Km 0/000 to 22/000 (SH: Providing and Fixing Crash Barrier including Edge wall (Portion 1/570 to 1/900) at Various RS's)						
Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		
				Earnest Money Rs		
				Time Limit:	Two Month	AMOUNT
		Figures		RATE	Words	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..	23.59	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.	21.60	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..	11.44	Per cubic metre			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. p
				Figures	Words	
4	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 MORTH specification clause 811, including carriage of material within 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	Per Running meter			
Total Rs.						


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

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Barsar Piploo Bhiambi road Km 0/000 to 22/000 (SH: Providing and Fixing Crash Barrier including Edge wall (Portion 6/705 to 6/975) at Various RS's)						
Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		
				Earnest Money Rs		
				Time Limit:	Two Month	AMOUNT Rs. p
		Figures		RATE 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..	24.94	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, Malkhana, toll tax, sale tax or other taxes imposed by the Government.	21.60	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..	11.44	Per cubic metre			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. p
				Figures	Words	
4	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 MORTH specification clause 811 including carriage of material within all leads and lifts and other incidentals. The rate includes sale tax octroi, royalty, malikhana, toll tax, GST, labour cess or other taxes imposed by the Government.	128.00	Per Running meter			
Total Rs.						


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

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Barsar Piploo Bhiambi road Km 0/000 to 22/000 (SH: Providing and Fixing Crash Barrier including Edge wall (Portion 0/690 to 0/900) at Various RS's)

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		
				Earliest Money Rs		
				Time Limit:	Two Month	AMOUNT
		Figures		Words		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..	23.59	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.	21.60	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..	11.44	Per cubic metre			

Sr. No.	Description of work	Quantity	Unit	RATE		AMOUNT Rs. p
				Figures	Words	
4	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 MORTH specification clause 811 including carriage of material within all leads and lifts and other incidentals. The rate includes sale tax octroi, royalty, malikana, toll tax, GST, labour cess or other taxes imposed by the Government.	128.00	Per Running meter			
Total Rs.						


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

14

Schedule of Quantity

Schedule of Quantity						Estimated cost	3,99,435/-
						Earnest Money	8000.00
Name of Work		Upgradation of MDR - 114, Thana Kalan-Mandli-Bhaktra Dam road km - 0/000 to km-28/675 under CRF. (SH: Preparation of detailed detailed Project Report, CBR, BBDT and Axle load survey)				Time Limit	: Three Month
S. No.	Description of Item	Quantity	Unit	Rate (Rs.)	Rate in words	Amount (Rs.)	
1	Preparation of detailed project report which include the following provision as given below:- a) Topography survey by digital total station with two second accuracy, showing all features on survey plan like trees, culverts, bridges, electric poles, telephone poles, hand pumps, schools, Haditants villages etc., b). Draw cross-sections at 15m (fifteen meter) intervals, L-section & calculate the quantity of earth work in standard format of autocad showing all layer of pavement components as applicable. c) Preparation of survey plan showing all provision and preparation of detailed project report as per MORT&H Guidelines.	28.675	per K.M.				
2	CBR-Value & Pavement design of crust as per IRC:37-2018/ SP:72-2015.	86.00	Each				
3	Bankelman Beam Deflection Test for Pavement design of IRC:81-1997.	28.675	per				
4	Axle Load Survey and Automatic traffic count survey for 7-days.	2.00	Each				
Total =						0.00	

Conditions: 1. 75 % payment will be released after submission copy of DPR complete in all respect in Divisional level.

2. 25% payment will be released after approved by Chief Engineer Hamirpur.

Executive Engineer
 Bangana Division
 H.P. PWD, Bangana .

Schedule of Quantity

Name of Work : (1) Construction of R.C.C T-Beam Bridge 3-span 15.25m each on Link road From Bhaloh to Bhalola Takka Datwara road Abadi Jhingra over Dhamandari Khad at RD-0/285 & C/o link road from RD-0/00 to Km-0/615. (SH: Preparation of detailed Project Report of Bridge & Road works). (2) C/o Link road to Sateeta to Tueri Badoli road via., Barera, Lower Basal i/c 2 No. Bridges over Barera Khad & Basal Khad near inox wind Factory & Telayan Awadi from km-0/00 to km-1.500 under NABARD (SH: Preparation of Hydraulic data of 2 No. Bridges, Geo-tech investigation and preparation of DPR for road & Bridge works). (3) C/o Link road Khawaja to Gadda Factory upto Swan Mandir GMS Lower Basal ward No.-06, Naiyan Basti, Sainiya, Brahmana Awadi Teuri upto Batiyan Awadi from km-0/000 to km- 8/00 under NABARD (SH: Preparation of DPR of road works).					Estimated cost : 4,94,000/-only	
					Earnest Money :	9900/-only
					Time Limit :	3 month
S. No.	Description of item	Quantity	Unit	Rate (Rs.)	Rate in words	Amount (Rs.)
1	Preparation of detailed project report which include the following provision as given below:- a) Topography survey by digital total station with two second accuracy, showing all features on survey plan like trees, culverts, bridges, electric poles, telephone poles, hand pumps, schools, Haditants villages etc., b) Draw cross-sections at 15m (fifteen meter) intervals, L-section & calculate the quantity of earth work in standard format of autocad showing all layer of pavement components as applicable. c) Preparation of survey plan showing all provision and preparation of detailed project report as per MORD Guidelines.	9.50	Per K.M.			
2	CBR-Value & Pavement design of crust as per IRC:37-2012/ SP:72-2015.	27.00	Each			
3	Preparation of Hydraulic data i.e. Topography survey by Total station equipment for preparation of Contour plan, cross-section at bridge site, 50m, 150 m & 300m upstream and down stream of the river, L-section of road and river including all carriage of material lead & lifts.	2.0	Each			

4	Geo-tech Investigation/soil bearing capacity by core drilling Machine Nx size bit upto 15.0m depth, DCP/T/SPT test at an interval of 1.5m, including testing of soil samples in the laboratory, silt factor and calculation of Soil bearing capacity at 5.0m, 7.0m & 9.0m depth and as per instruction of the Structural designer/Engineer in Charge. (2 No. bore hole of 15.0m depth at each abutment i.e 2 No. Bridges = 2x2x15 = 60.m depth)	60.0	Per meter		
5	Preparation of Estimate of Bridges including submission of 5-set of D.P.R. in all respect.	3.0	Each		
Total =					0.00

Conditions: 1. 75 % payment will be released after submission copy of DPR complete in all respect in Divisional level.
2. 25% payment will be released after approved by Chief Engineer Hamirpur.

Executive Engineer
Bangana Division
H.P. PWD, Bangana .

SCHEDULE OF QUANTITY
Name of work:- A/R & M/O Various roads Under Bangana Sub-Division (SH:- Patch work in various roads).

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		
				Earnest Money Rs		
				Time Limit:	Two Month	AMOUNT Rs. P
		Figures		RATE Words		
1	Providing , laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (pug mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/ base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100KN (Eighty to one hundred kilo newton) weight to achieve the desired density including lighting barricading and maintenance of diversion etc. as per tables 400.11 & 400.12 and MORD technical specification clause 406, 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.	37.73	Per cubic metre			
2	Providing and applying evenly a primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.85 kg (zero point eighty five kilogram) per square metre using mechanical means as per technical specification clause 502 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.	503.00	Per Square metre			
3	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, Malkana, toll tax, sale tax or other taxes imposed by the Government.	2630.22	Per square metre			
Total Rs.						

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

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Various roads Under Bangana Sub-Division (SH:- Patch work in various roads).

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs 499581.00		
				Earnest Money Rs 10000.00		
				Time Limit:	Two Month	AMOUNT Rs. P
		Figures		RATE Words		
1	Providing , laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (pug mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/ base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100KN (Eighty to one hundred kilo newton) weight to achieve the desired density including lighting barricading and maintenance of diversion etc. as per tables 400.11 & 400.12 and MORD technical specification clause 406, 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.	38.40	Per cubic metre			
2	Providing and applying evenly a primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.85 kg (zero point eighty five kilogram) per square metre using mechanical means as per technical specification clause 502 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.	511.40	Per Square metre			
3	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.	2630.22	Per square metre			
Total Rs.						

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

SCHEDULE OF QUANTITY
Name of work:- A/R & M/O Various roads Under Bangana Sub-Division (SH:- Patch work in various roads).

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs		Time Limit: Two Month	
				Earnest Money Rs		AMOUNT	
				Figures	Words	Rs.	P
1	Providing , laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (pug mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/ base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100KN (Eighty to one hundred kilo newton) weight to achieve the desired density including lighting barricading and maintenance of diversion etc. as per tables 400.11 & 400.12 and MORD technical specification clause 406,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.	36.15	Per cubic metre				
2	Providing and applying evenly a primer coat with bitumen emulsion (SS-1)on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.85 kg (zero point eighty five kilogram) per square metre using mechanical means as per technical specification clause 502 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..	511.40	Per Square metre				
3	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.	2638.50	Per square metre				
Total Rs.							

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

SCHEDULE OF QUANTITY
Name of work:- A/R & M/O Various roads Under Dera Baba Rudru (Basal) Sub-Division (SH:-
Patch work in various roads).

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs.		AMOUNT Rs. P
				Earnest Money Rs.	Time Limit: Two Month	
1	Providing , laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (pug mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/ base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100KN (Eighty to one hundred kilo newton) weight to achieve the desired density including lighting barricading and maintenance of diversion etc. as per tables 400.11 & 400.12 and MORD technical specification clause 406.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.	36.15	Per cubic metre			
2	Providing and applying evenly a primer coat with bitumen emulsion (SS-1)on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.85 kg (zero point eighty five kilogram) per square metre using mechanical means as per technical specification clause 502 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.	511.40	Per Square metre			
3	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, Malkhana, toll tax, sale tax or other taxes imposed by the Government.	2640.25	Per square metre			
Total Rs.						


Engineer
 Bangana Division
 P.P.W.D. Bangana

SCHEDULE OF QUANTITY
Name of work:- A/R & M/O Various roads Under Dera Baba Rudru (Basal) Sub-Division (SH:-
Patch work in various roads).

				Estimated Cost Rs	499187.00
				Earnest Money Rs	10000.00
				Time Limit:	Two Month
				RATE	AMOUNT
				Figures	Words
					Rs. P
Sr. No.	Description of work	Quantity	Unit		
1	Providing , laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (pug mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/ base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100KN (Eighty to one hundred kilo newton) weight to achieve the desired density including lighting barricading and maintenance of diversion etc. as per tables 400.11 & 400.12 and MORD technical specification clause 406.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.	36.15	Per cubic metre		
2	Providing and applying evenly a primer coat with bitumen emulsion (SS-1)on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.85 kg (zero point eighty five kilogram) per square metre using mechanical means as per technical specification clause 502 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.	515.20	Per Square metre		
3	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, Malkhana, toll tax, sale tax or other taxes imposed by the Government.	2638.50	Per square metre		
Total Rs.					

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

SCHEDULE OF QUANTITY

Name of work:- A/R & M/O Various roads Under Dera Baba Rudru (Basal) Sub-Division (SH: Patch work in various roads).

Sr. No.	Description of work	Quantity	Unit	Estimated Cost Rs	
				Earliest Money Rs	Time Limit: Two Month
				Figures	Words
1	Providing , laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (pug mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/ base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100KN (Eighty to one hundred kilo newton) weight to achieve the desired density including lighting barricading and maintenance of diversion etc. as per tables 400.11 & 400.12 and MORD technical specification clause 406 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.	36.15	Per cubic metre	RATE	
				AMOUNT	Rs. P
2	Providing and applying evenly a primer coat with bitumen emulsion (SS-1)on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.85 kg (zero point eighty five kilogram) per square metre using mechanical means as per technical specification clause 502 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..	516.25	Per Square metre		
3	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.	2638.50	Per square metre		
Total Rs.					

Executive Engineer
Bangaha Division
H.P.P.W.D.Bangana