

**HIMACHAL PRADESH  
PUBLIC WORKS DEPARTMENT  
NOTICE INVITING TENDER**

Sealed items rate tender on form 6&8 are invited by the Executive Engineer HPPWD Kotla Behar Division Kotla Behar for the following works from the approved and eligible contractors enlisted with HPPWD Department so as to reach in this office on dated 29.11.2021 up to 10.30AM and the same will be opened on the same day at 11.30 AM in the presence of contractors /firms or their authorized representative. The application for purchase of tender forms will be received up to 5.00 PM on dated 26.11.2021 and tender forms can be obtained from this office against cash payment (nonrefundable) on 27.11. 2021 from 10.00 AM to 5.00 PM and no tender form shall be issued by the post. The amount of earnest money in shape of FDR of any nationalized bank in HP duly pledged in the Name of Executive Engineer HPPWD Kotla Behar Division Kotla Behar

The conditional tender and tender received without earnest money (FDR) will be rejected and if holiday declared by the Govt. on the above date due to any reasons the tender shall be received and opened on the next working day. The undersigned reserved the right to reject tender without assigned any reasons.

Sr No	Name of work	Estimated cost	Earnest money	Time Limit	Cost of tender form	Form No
1	A/R & M/O Chamukha Bangana road Km 10/500 to 20/0(SH-C/o R/wall at Rd 18/480 to 18/510)	322412/-	6450/-	Three Month	350	6&8
2	C/O Garli Aloh Chambialan road to Riana Palatian km 0/0 to 2/0 (SH-C/O R/wall at Rd 0/188 to 0/203 and 0/235 to 0/270)	356502/-	7130/-	Three Month	350	6&8
3	C/O Link Road Swami Satsang Bhawan Jandour to Lower Mahalla Km 0/0 to 1/500(SH-P/L CC interlocking paver block at Rd 0/300 to 0/450)	489369/-	9800/-	Three Month	350	6&8
4	Construction of R/wall Pully on link road Rail khad to Jaswal Basti ward No-3 (SH-P/L CC Pavement in Km 0/0 to 3/055 including two walls Deposit work	203085/-	4100/-	Two Month	350	6&8
5	C/O Barnali to Upper Nari via Lower Nari Road km 0/0 to 3/600(SH-C/O road side drain at various Rds between km 0/0 to 3/600)under Industrial Corridor	481380/-	9700	Two Month	350	6&8
6	A/R & M/O Bharwain Chintpurni Kandrori Damtal road km 15/310 to 32/560)(SH-C/o U-shape drain in km 26/950 to 27/120,29/700 to 30/150 and plain cement concrete M-10 in Km 25/300 to 25/400)	475239/-	9500/-	Three Month	350	6&8
7	C/O Pucca Tiala Mehra road km 0/0 to 11/150(SH-C/o R/wall at Rd 6/455 to 6/467)	301546/-	6100/-	Two Month	350	6&8
8	C/O Pucca Tiala Mehra road km 0/0 to 11/150(SH-C/o R/wall at Rd 6/468 to 6/480)	301821/-	6100/-	Two Month	350	6&8
9	C/O Pucca Tiala Mehra road km 0/0 to 11/150(SH-P/L interlocking concrete paver	322320/-	6500/-	Three	350	6&8



	block at various Rds)			Month		
10	A/R & M/o Various Roads under Kotla behar Division (SH:- Preparation Detail Project Report Hydraulic data and bridge estimate)	335050/-	6700/-	Three Month	350	6&8
11	A/R & M/O at various road under Pragpur sub division (SH:-Repair of Pot holes)	499298/-	9800/-	Two Month	350	6&8
12	A/R & M/O at various road under Dada Siba sub division (SH:-Repair of Pot holes)	499298/-	10000/-	Two Month	350	6&8
13	C/o Chaplah to Ladoa via Nichali Kukahar road km 0/0 to 1/600(SH:-R.O.F.D at various Rds P/L cement Concrete at Rd 1/0 to 1/045, C/o V-Shape drain at Rd 0/850 to 0/900, 1/045 to 1/100 and P/L GSB, and Metalling and Tarring in km 0/850 to 1/095)Deposit Work	497241	10000/-	Three Month	350	6&8
14	C/O Chaplah to Ladoa via Nichali Kukahar road km 0/0 to 1/600(SH:-C/o cement concrete pavement at Rd 1/150 to 1/210 C/o V-shape drain 1/210 to 1/235 and 1/100 to 1/310 and P/L GSB G-II,G-III and M/T in km 1/095 to 1/355)Deposit Work	497611/-	10000/-	Three Month	350	6&8
15	A/R &M/o Banne Di Hatti suel Road Km 0/0to 8/0 (SH:- C/O R/wall at Rd 5/970 to 5/980 (Industrial Corridor)	284296	5700	Two Month	350	6&8
16	C/O Barnali to Upper nari Via Lower Nari Road km 0/0 to 3/600 (SH:- C/O Breast wallat Rd 1/485 to 1/492 (RHS) below the House of Sh Mohinder Singh (Industrial Corridor)	432252	8700	Three Month	350	6&8
17	C/O Main Raod Batwar to Harijan Basti Batwar km 0/0to 1/800 (SH:P/L interlocking concrete Paver Block a Rd 8/200 to 0/375) SCSP	452474	9100	Four Month	350	6&8
18	A/R & M/o Various Roads Under Dada Siba Sub Division (SH:- Repair of pot holes at various Rds (JOB NO 1)	493176	9900	Two Month	350	6&8
19	A/R & M/o Various Roads Under Dada Siba Sub Division (SH:- Repair of pot holes at various Rds (JOB NO 2)	493176	9900	Two Month	350	6&8
20	A/R & M/o Various Roads Under Pragpur Sub Division (SH:- Repair of pot holes at various Rds (JOB NO 1)	493176	9900	Two Month	350	6&8
21	A/R & M/o Variuos Roads Under Pragpur Sub Division (SH:- Repair of pot holes at various Rds (JOB NO 2)	493176	9900	Two Month	350	6&8
22	Repair of Type -II qtr at CHC Dada Siba Tehsil Dada Siba Distt Kangra HP (deposit work)	308584	6200	Three Month	350	6&8
23	A/R & M/o Pucca Tiala Mehra Suel Road Km 0/0 to 11/150 (Sh:- C/O V/wall at Rd	210359	4210	Three Month	350	6&8
24	A/R & M/O Balghar Chatwal Landiyara Road Km 0/0 to 4/250 (SH:- C/O V shape drain at Rd 2/120 to 2/400	206473	4150	Three Month	350	6&8
25	C/o Govt. Sr. Sec. School Kotla Behar to Uprli Behar Brahman Di Basti road km. 0/0 to 0/480 (SH:- P/L interlocking concrete Paver Block at RD various RDs)	283743	5700	Two Month	350	6&8
26	C/o Veterinary Dispensary at Tikkar Teh. Rakkar Distt. Kangra (HP) (SH:- C/o B/wall &	353417	7100	Four Month	350	6&8

	Boundary wall).					
27	A/R & M/O on Chintpurni to Samnoli road km. 0/0 to 2/300 (SH:- P/L wire crates downstream side at RD 0/907).	263498	5300	Three month	350	6&8
28	A/R & M/O various Bridge /Building under Kotla Behar Division HPPWD Kotla Behar (SH:- Geotechnical investigation of soil /Strta	480000	9600	Two month	350	6&8
29	A/R & M/O Durgain Sanda Bari Road (SH:- C/O R/wall at Rd 3/600 to 3/605 ,3/700 to 3/706 , 6/600 to 6/615	429525	8600	Three month	350	6&8

1) Certified that tender of above works are being called in Exigency of public interest ,

Executive Engineer,  
Kotla Behar Division HPPWD.,  
Kotla Behar.

NO.PWD/KB/CB/TENDER 2020-21 5562-69 DATED 15/11/2021

Copy to the F.C-Cum-Principal Secretary (PW) to the Govt. of Himachal Pradesh Shimla -2 for favour of information please.

Copy to the Engineer-in-Chief HPPWD Shimla for information please.

Copy to the Chief Engineer (KZ) HPPWD Dharamshala for favour of information please.

Copy to the Superintending Engineer 9<sup>th</sup> Circle HPPWD Nurpur for favour of information please.

Executive Engineer,  
Kotla Behar Division HPPWD.,  
Kotla Behar.



# BILL OF QUANTITY

Estimate Cost :- Rs. 3,22,412/-  
Earnest Money :- Rs. 64,500/-  
Time Limit :- Three Month.

Name of work:- A/R and M/o Chamukha Bangana road Km. 10/500 to 200 (SH: C/o R/wall at RD 18/480 to 18/510)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited), complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, tracing, removal of slumps and other obstructions, necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and shuffling and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and clearing of slush which may arise out during dewatering complete as per drawing and MORPD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	15.10 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:5:10 (One cement into five sand into ten graded crushed stone aggregate 40mm/Forty millimeter) nominal size, in or under water in Retaining wall/breast wall and the live etcetera complete including pumping or bailing out water, dewatering (surface/sub soil water) including removal of slush which may arise at time of laying under water for all heights/depths and any quantum of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORPD Technical specification section 800, 900, 1200 and 1600 and as per entire satisfaction and directions of Engineer-in-charge, including cartage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	140.10 Cubic metre			Per cubic metre.	
3	Providing and laying 100mm (one Hundred millimeter) dia ISI marked P.V.C. pipe Weep Holes in brick masonry/stone masonry plain/ reinforcement concrete abutments, wing wall/ return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1(V): 20H (One vertical into twenty Horizontal) towards drawing face complete as per drawing and MORPD technical specification clause 614, 709, 1204.3.7 and as per the direction and entire satisfaction of Engineer-in-Charge complete, including cartage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	56.00 Number			Each	
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORPD technical specification clause 1604.7 and section 300 as directed by the Engineer-in-Charge including cartage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	21.00 Cubic metre			Per Cubic metre	
	<b>TOTAL</b>					

Executive Engineer,  
Kota Behar Division,  
HPPWD Kotta Behar



# **BILL OF QUANTITY**

Estimate Cost :- Rs.3,56,502/-  
 Earnest Money :-Rs. 7,130/-  
 Time Limit :- Three Month.

**Name of work:- Construction of Garh Aloh Chamblahan road to Riana Palatan Km. 0/0 to 2/0 (SH: C/o R/wall at RD 0/188 to 0/203 and 0/235 to 0/270)**

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps, and other deleterious materials, and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and clearing of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	60.80 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:5:10 (One cement into five sand into ten graded crushed stone aggregate 40mm/Forty millimeter) nominal size, in or under water in Retaining wall/breast wall and the like etc/etna complete including pumping or bailing out water, dewatering (surface/sub soil water)including removal of slush which may arise at time of laying under water for all heights/depths and any quantum of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORD Technical Specification section 800, 900, 1200 and 1600 and as per entire satisfaction and directions of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	155.70 Cubic metre			Per cubic metre	
3	Providing and laying 100mm (one Hundred millimeter) dia ISI marked P.V.C. pipe Weep Holes in brick masonry/stone masonry plain reinforcement concrete abutments, wing wall/ return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1(V): 20(H) (One vertical into twenty Horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614,709,1204.3.7 and as per the direction and entire satisfaction of Engineer-in-Charge, complete, including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	60.00 Number			Each	
4	Back filling Behind abutment, Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification clause 1604.7 and section 300 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	29.10 Cubic metre			Per Cubic metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 DIPPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs.4,89,369/-  
 Earnest Money :-Rs. 9800/-  
 Time Limit :-Three Month.

Name of work:- Construction of link road Radha Swami Satsang Bhawan Jandour to Lower Mohalla Km. 0/0 to 1/500 (SH: P/L CC interlocking paver block at RD 0/300 to 0/450)

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials; and disposal of excavated material upto all leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, liming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	101.20 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M20 (M Twenty) design mix with minimum cement contents of 330 kgs. (Three hundred thirty kilograms) in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	38.20 Cubic metre			Per Cubic metre	
3	Providing and laying mechanically mixed and vibrated concrete 1:4:8 (one cement iso four sand iso eight graded crushed stone aggregate (40mm) (forty millimeter nominal size) for plain cement concrete in all heights/depths, in open foundation or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete in open foundation and the like etc/etara complete, as per drawing and MORD technical specification section 800, 900, 200 and 1600 as per the satisfaction and the direction of Engineer-in-Charge including carriage of materials within leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	42.00 Cubic metre			Per Cubic metre	
4	Providing and laying of inter locking concrete paver blocks make of NTC/NTCO/HPWD approved having thickness 80mm (eighty millimeter) Grade M40 IS Code-16558:2006 and Technical Specification Clause 1504 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of material within all leads lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	420.00 Square metre			Per Square metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 HPWD Kotla Behar



**BILL OF QUANTITY**

Estimate Cost :- Rs.2,03,085/-  
 Earnest Money :-Rs. 4100/-  
 Time Limit :-Two Month.

Name of work:- Construction of Rowall Pully on link road Rail Khad to Jaswal Basti Ward No.-3 (SH: P/L CC Pavement in Km. 0/0 to 0/055 including toe wall) Deposit work.

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, cherting/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps, and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and clearing of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government	39.18 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated cement concrete 1:4:8 (one cement into four sand into eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) for plain cement concrete, in or under water in open foundation for all types of structures, including pumping or bailing out water/ dewatering (surface/sub-soil water) and including removal of slush which may arise at the time of laying under water for all height/depth and any quantum of water including cost of form work and curing complete as per drawing and MORD technical specification 802, 803, 1202 & 1203 and as per the direction and the entire satisfaction of Engineer-in-Charge, including cartage of material with in all leads lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	45.71 Cubic metre			Per Cubic metre	
3	Providing and laying mechanically mixed and vibrated plain reinforced cement concrete Grade-M-25 (M-Twenty five) design mix with minimum cement contents of 404 Kg (Four hundred four Kilogram) in open foundation as per drawing and MORD technical specification clause 802, 803, 1202 and 1203 including the cost of form work and curing complete but excluding cost of reinforcement for reinforced concrete work as per satisfaction and direction of Engineer-in-Charge, including cartage of materials up to all leads, lifts. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government	23.10 Cubic metre			Per Cubic metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 CHPPWD Kotla Behar

# **BILL OF QUANTITY**

**Name of work:- Construction Barrail to upper Nari via lower Nari road Km. 0/0 to 3/600 (SH: C/o road side drain at various RDs between Km. 0/0 to 3/600) under Industrial Corridor.**

Estimate Cost :- Rs.4,81,380/-  
Earnest Money :-Rs. 9700/-  
Time Limit :-Two Month.

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out, rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	203.06 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement into three sand into six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	155.60 Cubic metre			Per Cubic metre	
<b>TOTAL</b>						

**Executive Engineer,**  
Kotta Behar Division,  
HPPWD Kotta Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs.4,75,239/-

Earnest Money :- Rs.9500/-

Time Limit :- Three Month.

Name of work:- A/R & M/O Bharwain Chintpurni Kandroni Dantari road Km. 15/310 to 32/560 (SH: C/o U-shape drain in Km. 26/950 to 27/120, 29/700 to 30/150, and plain cement concrete M-10 in Km. 25/300 to 25/400).

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of slumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Makhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	260.25 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten), Nominal mix 1:3:6 (one cement into three sand into six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Makhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	150.90 Cubic metre			Per Cubic metre	
<b>TOTAL</b>						

Executive Engineer,  
Kotla Behar Division,  
HPPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs.3,01,546/-  
 Earnest Money :- Rs. 6100/-  
 Time Limit :- Two Month.

Name of work:- C/o Pacca Tala Mehra road Km. 0/0 to 11/150 (SH: C/o R/wall at RD 6/455 to 6/467)

Sr. No.	Description of Item	Quantity	Rate In		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling, wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of slumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and wetting bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and stutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	41.50 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:5:10 (One cement into five sand into ten graded crushed stone aggregate 40mm(forty millimeter) nominal size), in or under water in Retaining wall/breast wall and the like etc/eterna complete including pumping or bailing out water, dewatering (surface/sub soil water)including removal of slush which may arise at time of laying under water for all heights/depths and any quantum of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORD Technical Specification section 800, 900, 1200 and 1600 and as per entire satisfaction and directions of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	129.87 Cubic metre			Per cubic metre	
3	Providing and laying 100mm (one Hundred millimeter) dia ISI marked P.V.C. pipe Weep Holes in brick masonry/stone masonry plain reinforcement concrete abutments, wing wall return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1(V): 20(H) (One vertical into twenty Horizontal) towards drawing face complete as per drawing and MORD Technical Specification clause 614,708,1204.3.7 and as per the direction and entire satisfaction of Engineer-in-Charge, complete, including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	52.00 Number			Each	
4	Back filling behind abutment Retaining wall/breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD Technical Specification clause 1604.7 and section 300 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	30.00 Cubic metre			Per Cubic metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 HPPWD Kotla Behar



**BILL OF QUANTITY**

Estimate Cost :- Rs.3,01,821/-  
 Earnest Money :-Rs. 6100/-  
 Time Limit :-Two Month.

Name of work:- C/o Pacca Tala Mehra road Km. 0/0 to 11/150 (SH: C/o R/wall at RD 6/468 to 6/480)

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of slumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling, ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	41.50 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:5:10 (One cement into five sand into ten graded crushed stone aggregate 40mm/Forty millimeter nominal size), in or under water in Retaining wall/breast wall and the like etcetera complete including pumping or bailing out water, dewatering (surface/sub soil water)including removal of slush which may arise at time of laying under water for all heights/depths and any quantum of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORD Technical specification section 800, 900,1200 and 1600 and as per entire satisfaction and directions of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sales tax or any other taxes imposed by the Government.	129.88 Cubic metre			Per cubic metre	
3	Providing and laying 100mm (one Hundred millimeter) dia ISI marked P.V.C. pipe Weep Holes in brick masonry/stone masonry plain reinforcement concrete abutments, wing wall/ return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1(V): 20(H) (One vertical into twenty Horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614,709,1204.3.7 and as per the direction and entire satisfaction of Engineer-in-Charge complete including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	53.00 Number			Each	
4	Back filling behind abutment Retaining wall/breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification clause 1604.7 and section 300 as directed by the Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	30.00 Cubic metre			Per Cubic metre	
<b>TOTAL</b>						

Executive Engineer,  
 Kolia Behar Division,  
 MPWD Kolia Behar



**BILL OF QUANTITY**

Estimate Cost :- Rs.3,22,320/-  
 Earnest Money :-Rs. 6500/-  
 Time Limit :-Three Month.

Name of work:- C/o Pacca Tala Mehra road Km. 0/0 to 11/150 (SH: Providing and laying Interlocking paver block at various RDs)

Sr. No.	Description of Item	Quantity	Rate In		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling, wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of slumps, and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Makhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	78.00 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) design mix with minimum cement contents of 330 kgs. (Three hundred thirty kilograms) in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates including Royalty, Makhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	19.00 Cubic metre			Per Cubic metre	
3	Providing and laying mechanically mixed and vibrated concrete 1:4:8 (one cement into four sand into eight graded crushed stone aggregate (40mm) (forty millimeter nominal size) for plain/cement concrete in all heights/depts, in open foundation or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete in open foundation and the like elsewhere complete, as per drawing and MORD technical specification section 800, 900, 200 and 1600 as per the satisfaction and the direction of Engineer-in-Charge including carriage of materials within leads, lifts and other incidentals. The rate is including Royalty, Makhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	30.05 Cubic metre			Per Cubic metre	
4	Providing and laying of inter locking concrete paver blocks make of NTC/NITCO/HPWD approved having thickness 60mm (eighty millimeter) Grade M-40 IS Code-15658:2006 and Technical Specification Clause 1504 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of material with in all leads lifts and other incidentals. The rates including Royalty, Makhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	300.50 Square metre			Per Square metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 CAPPWD Kotla Behar.



# **BILL OF QUANTITY**

JOB NO.10 Page 1 of 1

## **NAME OF WORK: A/R & M/O VARIOUS ROADS UNDER HPPWD DIVISION KOTLA BEHAR (SUB HEAD : PREPARATION OF DETAILED PROJECT REPORT , HYDRAULIC DATA & BRIDGE ESTIMATE)**

Estimate Cost :- Rs.3,35,050/-  
Earnest Money :-Rs. 6700/-  
Time Limit :-Three Month.

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Preparation of detailed project report and drawing complete in all respect in manuscript form and submission of the same to higher office for approval. If any correction / amendment has desired by the head office. The same may be corrected as desired and directed by the Engineer - in - Charge complete in all respect. After approval , the same should be submitted in six number Set of fair copy alongwith three set of drawings ( manuscript included ). The payment excludes any kind of soil investigations and shall be made as per actual length of road. The rates are including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	10.670 Km.			Per Kilometre	
a	Topography survey by digital total station / dual frequency DGPS with two second accuracy, showing all offsets such as trees, culverts, bridge, electric poles, hand pump, schools, habitant's villages elostia					
b	Draw cross section at 15 m (fifteen meter) intervals, 1- section & calculate the quantity of earth work in standard format of autocad showing all layers of pavement components.					
c	Preparation of survey plan showing all provision as per hppwd specification.					
d	Preparation of survey plan showing all existing provisions and preparation of detailed project report as per hppwd specification.					
2	Preparation of hydraulic data complete in all respect in manuscript form and submission of the same in higher office for approval. If any correction/amendment has desired by the head office the same may be corrected as desired and directed by the engineer-in-charge and higher office complete in all respect, after approval of the hydraulic data from the higher office, the same will be submitted in fair shape to this office in two numbers of copies and payment shall be made after the approval of the same by the higher office. The rates are including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	4.000 Job			Per Job	
3	Preparation of detailed estimate of bridge as per approved working drawing of HPPWD. The estimate prepared in shape of manuscript alongwith approach complete in all respect and submission of the same to higher office for approval. If any correction/amendment has desired by the head office the same may be corrected as desired and directed by the engineer-in-charge complete in all respect. After approval from the chief engineer (Kangra zone) in manuscript shape & the same should be submission duly computerized spiral binding in quadruplicate complete in all respect. The rates are including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	1.00 Job			Per Job	
	<b>TOTAL</b>					

Executive Engineer,  
Kotla Behar Division,  
HPPWD Kotla Bazar



**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,99,298/-  
 Earnest Money :- Rs. 10,000/-  
 Time Limit :- Two Months.

Name of work:- A/R & M/O various roads under Pragnur Sub Division (SH: Repair of pot holes) Job-1

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidents. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax or any other taxes imposed by the Government. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government. (Mc-10)	2925.00 Square metre			Per Square metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 MPPWD Kotla Behar.



(12)

**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,99,298/-  
 Earnest Money :-Rs. 10,000/-  
 Time Limit :-Two Months.

Name of work:- A/R & M/O various roads under Dada Silba Sub Division (SH: Repair of pot holes) Job-1

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1. and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax or any other taxes imposed by the Government. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government. (Vg-10)	2925.00 Square metre			Per Square metre	
<b>TOTAL</b>						

Executive Engineer,  
 Kotla Behar Division,  
 HPPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,97,241/-  
 Earnest Money :- Rs. 10,000/-  
 Time Limit :- Three Months.

Name of work:- C/O Chaplan to Ladoa via Nichil Kukhar road Km. 0/0 to 1/600 (SH: R.O.F.D at various RDs, P/L Cement concrete pavement RD 1/0 to 1/045, C/O V-shape drain at RD 0/850 to 0/900, 1/045 to 1/100 and P/L GSB, Metalling & Tarring in Km. 0/850 to 1/095) Deposit work.

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Excavation for road way in hilly areas in all heights and depths and in all kinds of soil by manual/mechanical means, including saturated soil comprising of ordinary soil, ordinary rock, soft rock, hard rock, chiseling or wedging out of rock (where blasting is prohibited) and their intermediate classification of soil complete including setting out true to the required lines, grades, cutting and trimming of side slopes, camber, super elevation and levels shown as per the drawings and as directed by the Engineer-in-Charge complete in conformity with the requirements of MORD Technical Specification section 300 and 1600 and setting out and stacking of useful materials with in all leads and lifts of material in acquired road width and transporting of un-useful materials for filling in road ways, camber, embankments for grade improvements and disposal of all surplus materials to the approved dumping sites through all modes of transportation including head load or animal transport or by mechanical means including leveling, fine dressing and cartage of machines, materials, tools, equipments and safety measures and other incidentals necessary to complete the work by mechanical means and labour if required. Any loss to the public/private property during the course of execution shall be the absolute responsibility of the contractor which shall have to be compensated by him to the extent of damage occurred in all cases. The rate is including Octroi, Royalty, Malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	178.60 cubic metre			Per cubic metre	
2	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out, rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of slumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals.	29.02 Cubic metre			Per Cubic metre	



Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
3	Providing and laying mechanically mixed and vibrated concrete 1:4:8 (one cement into four sand into eight graded crushed stone aggregate 40mm) (forty millimeter nominal size) for plain/reinforced concrete in all heights/depths, in open foundation or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of work, including cost of form work and curing complete in open foundation and the like elsewhere complete, as per drawing and MORD technical specification section 800, 900, 200 and 1600 as per the satisfaction and the direction of Engineer-in-Charge including carriage of materials within leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	14.40 Cubic metre			Per Cubic metre	
4	Providing and laying mechanically mixed and vibrated plain/reinforced concrete Grade-M-25 (M-Twenty Five) design mix with minimum cement contents of 404 Kg (Four hundred four Kilogram) in open foundation as per drawing and MORD technical specification clause 802, 803, 1202 and 1203 including the cost of form work and curing complete but excluding cost of reinforcement for reinforced concrete work as per satisfaction and direction of Engineer-in-Charge, including carriage of materials up to all leads, lifts. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	21.60 Cubic metre			Per Cubic metre	
5	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement into three sand into six graded crushed stone aggregate 40mm (forty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of work, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax or any other taxes imposed by the Government.	15.75 Cubic metre			Per Cubic metre	
6	Loosening of the ground upto the level of 300mm (three hundred millimetre) below sub-grade level watered graded with motor grader and compacted in layers to meet requirement of Tables 300.1 and 300.2 of MORD Technical Specification section 300 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	175.88 Cubic metre			Per Cubic metre	
7	Construction of granular sub-base 100mm (one hundred millimetre) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100KN (eighty to hundred) static roller to achieve the desired density, complete as per Technical Specification Clause 401 for rural roads table 400.1 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	87.94 Cubic metre			Per cubic metre	



13/2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
8	Providing laying, spreading by mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, crushed stone aggregates of Grading-II, 63mm to 45mm (sixty three millimeter to forty five millimeter) nominal size to water bound macadam specification including spreading in uniform thickness using templates, hand packing rolling with three wheeled roller 80-100 (eighty to hundred) kN static weight in stages to proper grade and camber including applying and brooming with stone screening Type-B of size 11.2mm (Eleven point two millimeter) nominal size at the rate of 0.20 (zero point two zero) cubic meter per 10 Sqm. (ten square metre) and binding material at the rate 0.06cum (Zero point zero six cubic metre) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density as per MORD Technical specification clause 405 and as per direction and satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sales tax, GST or any other taxes imposed by the Government.	48.04 Cubic metre			Per cubic metre	
9	Providing laying, spreading by manual/mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, stone aggregates of Grading-III, 53mm to 22.4mm (fifty three to twenty two point four millimeter) size to water bound macadam specification including spreading in uniform thickness, using template, hand packing motor grader, rolling with three wheeled roller 80-100 (eighty to hundred) kN static weight in stages to proper grade and camber including applying and brooming stone screening type-B of size 11.2mm (eleven point two millimeter) nominal size at the rate of 0.18cum (zero point one eight cubic metre) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density for grading-III as per MORD Technical specification clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	48.04 Cubic metre			Per cubic metre	
10	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero decimal eight five kilograms) per square metre of road surface as per MORD Technical specification clause 502 as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	640.50 Square metre			Per Square metre	
11	Providing and applying tack coat with bitumen emulsion RS-1, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORD Technical specification clause 503, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax sale tax or any other taxes imposed by the Government.	640.50 Square metre			Per square meter	



13/11

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
12	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade - Ten (VG-10(Ten)) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the required line, grade and level to serve as wearing course on a (thirtyfour) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORD Technical specification clause 508 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi toll tax, sale tax, GST or any other taxes	640.50 Square metre			Per square meter	
13	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per technical specification clause 510 using bitumen VG-10 (viscosity grade-ten) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi toll tax, sale tax, GST or any other taxes imposed by the Government	640.50 Square metre			Per square meter	
TOTAL						

Executive Engineer,  
Kotla Behar Division,  
HPPWD Kotla Behar.



14

**BILL OF QUANTITY**

Name of work:- C/o Chaplah to Ladoa via Nichil Kukahar road Km. 0/0 to 1/600 (SH: C/o Cement concrete pavement at RD 1/150 to 1/210, C/o V-shape drain at RD 1/210 to 1/235, and 1/100 to 1/310 and P/L GSB, Metalling & Tarring in Km. 1/095 to 1/355) Deposit work.

Estimate Cost :- Rs. 4,97,611/-  
 Earnest Money :- Rs. 10,000/-  
 Time Limit :- Three Months.

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps, and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, tinning, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals.	28.71 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete 1:4:8 (one cement is to four sand is to eight graded crushed stone aggregate (40mm) (forty millimeter nominal size) for plain/cement concrete in all heights/depths, in open foundation or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete in open foundation and the like etc/extra complete, as per drawing and MORD technical specification section 800, 900, 200 and 1600 as per the satisfaction and the direction of Engineer-in-Charge including carriage of materials within leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	19.20 Cubic metre			Per Cubic metre	
3	Providing and laying mechanically mixed and vibrated plain/reinforced cement concrete Grade-M-25 (M-Twenty five) design mix with minimum cement contents of 404 Kg (Four hundred four Kilogram) in open foundation as per drawing and MORD technical specification clause 802, 803, 1202 and 1203 including the cost of form work and curing complete but excluding cost of reinforcement for reinforced concrete work as per satisfaction and direction of Engineer-in-Charge, including carriage of materials up to all leads, lifts. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	28.80 Cubic metre			Per Cubic metre	



14/2

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
4	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement six three sand six six graded crushed stone aggregate 40mm (forty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 500 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, toll tax, sale tax or any other taxes imposed by the Government.	8.10 Cubic metre			Per Cubic metre	
5	Loosening of the ground upto the level of 300mm (three hundred millimeter) below sub-grade level watered graded with motor grader and compacted in layers to meet requirement of Tables 300.1 and 300.2 of MORD Technical Specification section 300 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials within all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	140.70 Cubic metre			Per Cubic metre	
6	Construction of granular sub-base 100mm (one hundred millimeter) consolidated thick by providing well graded materials, (Grading-I) spreading in uniform layers with tractor mount grader on prepared surface, making by mix in place method with rotavator at OMC, and compacting with smooth wheel 80-100kN (eighty to hundred) static roller to achieve the desired density, complete as per Technical Specification Clause 401 for rural roads table 400.1 and as per direction and the entire satisfaction of the Engineer-in-Charge including carriage of materials up to all leads, lifts and other incidentals. The rate including Royalty, Malkhana, Octroi, GST toll tax, sale tax or any other taxes imposed by the Government.	87.94 Cubic metre			Per cubic metre	
7	Providing laying, spreading by mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, crushed stone aggregates of Grading-II, 53mm to 45mm (sixty three millimeter to forty five millimeter) nominal size to water bound macadam specification including spreading in uniform thickness using templates, hand packing rolling with three wheeled roller 80-100 (eighty to hundred) kN static weight in stages to proper grade and camber including applying and brooming with stone screening Type-B of size 11.2mm (Eleven point two millimeter) nominal size at the rate of 0.20 (zero point two zero) cubic meter per 10 Sqm. (ten square metre) and blinding material at the rate 0.05cum (Zero point zero six cubic meter) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density as per MORD Technical specification clause 405 and as per direction and satisfaction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sales tax, GST or any other taxes imposed by the Government.	48.04 Cubic metre			Per cubic metre	



Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
8	Providing laying, spreading by manual/mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, stone aggregates of Grading-II, 53mm to 22.4mm (fifty three to twenty two point four millimeter) size to water bound macadam specification including spreading in uniform thickness, using template, hand packing motor grader, rolling with three wheeled roller 80-100 (eighty to hundred) kN static weight in stages to proper grade and camber including applying and brooming stone screening type-B of size 11.2mm (eleven point two millimeter) nominal size at the rate of 0.18cum (zero point one eight cubic metre) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density for grading-III as per MORD Technical specification clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	48.04 Cubic metre			Per cubic metre	
9	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer with bitumen emulsion pressure distributor at the rate of 0.85 kg (zero decimal eight five kilogram) per square metre of road surface as per MORD Technical specification clause 502 as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Octroi, Royalty, Malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	640.50 Square metre			Per Square metre	
10	Providing and applying tack coat with bitumen emulsion RS-1, including cleaning the road surface with hydraulic brooms and spraying with emulsion pressure distributor at the rate 0.275 kg (zero point two seven five kilogramme) per square meter on the prepared granular surface treated with primer complete as per MORD Technical specification clause 503, and as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	640.50 Square metre			Per square meter	
11	Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of type-A, 13.2mm to 5.6mm (thirteen point two millimeter to five point six millimeter) aggregates at the rate of 0.27 cum (zero point two seven cubic meter) premixed with bitumen binder Viscosity grade - Ten (VG-10(Ten)) bitumen, at the rate of 14.6 kgs (fourteen point six kilogram) per 10 (ten) square meter of road surface, to the 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 of 30/40 (thirty/forty) tonne per hour capacity transporting mixed materials with tipper and laying with paver finisher hydrostatic with sensor attachment and rolling with three wheeled 80-100 (eighty to hundred) kN static roller finished to required level and grades to be followed by seal coat of type-B complete as per MORD Technical specification clause 508 and as per the entire satisfaction and direction of Engineer-in-Charge excluding the cost of tack coat and seal coat but including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	640.50 Square metre			Per square meter	

14/3



Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
12	Providing and laying seal coat for sealing the voids in a bituminous surface laid to the specified levels, grade and cross falls using Type-B as per technical specification clause 510 using bitumen VG-10 (viscosity grade-ten) at the rate of 6.80kg (six point eight zero kilogramme) premixed with 0.06 (zero point zero six) cubic meter of fine aggregate per 10 Sqm. (Ten square meter) of road surface heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 80-100 (eighty to hundred) kN static roller, as per the entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government	640.50 Square metre			Per square meter	
TOTAL						

  
 Executive Engineer,  
 Kotla Behar Division,  
 AHPWD Kotla Behar.



# **BILL OF QUANTITY**

**Name of work :- A/R & M/O Banne Di Hatti to Suel road Km. 0/0 to 8/0 (SH: C/o R/wall at RD 5/970 to 5/980) under Industrial Corridor.**

Estimate Cost :- Rs.2,84,296/-  
Earnest Money :-Rs.5700/-  
Time Limit :-Two Month.

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling, wedging out, rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other obstructions, necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORO Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	39.61 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:5:10 (One cement (so five sand (so ten graded crushed stone aggregate 40mm/Forty millimeter) nominal size), in or under water in Retaining wall/breast wall and the like etc/etern complete including pumping or bailing out water, dewatering (surface/sub soil water)including removal of slush which may arise at time of laying under water for all heights/depths and any quantum of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORO Technical specification section 800, 900, 1200 and 1600 and as per entire satisfaction and directions of Engineer-in-Charge, including cartage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	109.57 Cubic metre			Per cubic metre	
3	Providing and laying 100mm (one Hundred millimeter) dia ISI marked P V C, pipe Weep Holes in brick masonry/stone masonry plain reinforcement concrete abutments, wing wall/ return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1V: 20H (One vertical (so twenty Horizontal) towards drawing face complete as per drawing and MORO technical specification clause 614,709,1204,3.7 and as per the direction and entire satisfaction of Engineer-in-Charge complete, including cartage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	48.00 Number			Each	
4	Back filling behind abutment Retaining wall/Breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORO technical specification clause 1604,7 and section 300 as directed by the Engineer-in-Charge including cartage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	84.00 Cubic metre			Per Cubic metre	
<b>TOTAL</b>						

  
Executive Engineer,  
Kotla Behar Division,  
MPPWD Kotla Behar



**BILL OF QUANTITY**

Estimate Cost :- Rs.4,32,252/-

Earnest Money :-Rs.8700/-

Time Limit :- Three Month.

Name of work:- C/o Barnali to upper Nari via Lower Nari road Km. 0/0 to 3/500 (SH: C/o Biwall at RD 1/485 to 1/492 RHS below the house of Sh. Mohinder Singh) under Industrial Corridor.

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiselling, wedging out, rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, firming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeters) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	15.96 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:5:10 (One cement into five sand into ten graded crushed stone aggregate 40mm/Forty millimeter) nominal size, in or under water in Retaining wall/breast wall and the like structure complete including pumping or bailing out water, dewatering (surface/sub soil water)including removal of slush which may arise at time of laying under water for all heights/depths and any quantum of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORD Technical specification section 800, 900, 1200 and 1600 and as per entire satisfaction and directions of Engineer-in-charge, including carriage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	202.49 Cubic metre			Per cubic metre	
3	Providing and laying 100mm (one hundred millimeter) dia ISI marked P.V.C. pipe Weep Holes in brick masonry/stone masonry/plaster reinforcement concrete abutments, wing wall/return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1(V): 20(H) (One vertical into twenty Horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614,709,1204.3.7 and as per the direction and entire satisfaction of Engineer-in-Charge complete, including carriage of materials within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	45.00 Number			Each	
<b>TOTAL</b>						

Executive Engineer,  
Kotla Behar Division,  
HBPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs.4,52,474/-  
 Earnest Money :- Rs. 9100/-  
 Time Limit :- Four Month.

**Name of work:- Construction of main road Batwar to Hanzan Basti Batwar Km. 0/0 to 1/800 (SH: P/L CC interlocking paver block at RD 0/200 to 0/375)**

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, cherting/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and shunting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and clearing of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	99.91 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade M20 (M-Twenty) design mix with minimum cement contents of 330 kgs. (Three hundred thirty kilograms) in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depts and any quantum of water complete including cartage of materials up to all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	14.86 Cubic metre			Per Cubic metre	
3	Providing and laying mechanically mixed and vibrated concrete 1:4:8 (one cement into four sand into eight graded crushed stone aggregate (40mm) (forty millimeter nominal size) for plain cement concrete in all heights/depts, in open foundation or under water, including pumping or bailing out water/ dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depts and any quantum of water, including cost of form work and curing complete in open foundation and the like etcetera complete, as per drawing and MORD technical specification section 800, 900, 200 and 1600 as per the satisfaction and the direction of Engineer-in-Charge, including cartage of materials within leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	47.25 Cubic metre			Per Cubic metre	
4	Providing and laying of inter locking concrete paver blocks make of NTC/NITCO/HPWD approved having thickness 80mm (eighty millimeter) Grade M-40 IS Code-15658:2005 and Technical Specification Clause 1504 and as per the direction and the entire satisfaction of Engineer-in-Charge, including cartage of material within all leads lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	472.50 Square metre			Per Square metre	
<b>TOTAL</b>						

**Executive Engineer,**  
 Kotla Behar Division,  
 HPWD Kotla Behar.



(12)

**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,93,176/-  
 Earnest Money :- Rs. 9900/-  
 Time Limit :- Two Month.

Name of work:- A/R & M/O various roads under Dada Siba Sub Division (SH: Repair of pot holes at various RDs )Job No.-2

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing laying, spreading by manual/mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, stone aggregates of Grading-II, 53mm to 22.4mm (fifty three to twenty two point four millimetre) size to water bound macadam specification including spreading in uniform thickness, using template, hand packing motor grader, rolling with three wheeled roller 80-100 (eighty to hundred) kN static weight in stages to proper grade and camber including applying and brooming stone screening type-B of size 11.2mm (eleven point two millimetre) nominal size at the rate of 0.18cum (zero point one eight cubic metre) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density for grading-II as per MORD Technical specification clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	20.00 Cubic metre			Per cubic metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-nix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1, and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax or any other taxes imposed by the Government. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government. (Vc-to)	2772.50 Square metre			Per Square metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 HPPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,93,176/-  
 Earnest Money :- Rs. 9900/-  
 Time Limit :- Two Month.

Name of work:- A/R & M/O various roads under Dada Silba Sub Division (SH: Repair of pot holes at various RDs) Job No.-3

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing laying, spreading by manual/mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, stone aggregates of Grading-II, 53mm to 22.4mm (fifty three to twenty two point four millimetre) size to water bound macadam specification including spreading in uniform thickness, using template, hand packing motor grader, rolling with three wheeled roller 80-100 (eighty to hundred) KN static weight in stages to proper grade and camber including applying and brooming stone screening type-B of size 11.2mm (eleven point two millimetre) nominal size at the rate of 0.18cum (zero point one eight cubic metre) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density for grading-II as per MORD Technical specification clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	20.00 Cubic metre			Per cubic metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1, and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkana, Octroi, toll tax, sale tax or any other taxes imposed by the Government. The rate is including Royalty, Malkana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government. (Nc-1e)	2772.50 Square metre			Per Square metre	
TOTAL						

Executive Engineer,  
 Kotla Behar Division,  
 HPPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,93,176/-

Earnest Money :-Rs. 9900/-

Time Limit :-Two Month.

Name of work:- A/R &amp; M/O various roads under Pragpur Sub Division (SH: Repair of pot holes at various RDs )Job No.-2

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing laying, spreading by manual/mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, stone aggregates of Grading-III, 53mm to 22.4mm (fifty three to twenty two point four millimetre) size to water bound macadam specification including spreading in uniform thickness, using template, hand packing motor grader, rolling with three wheeled roller 80-100 (eighty to hundred) kN static weight in stages to proper grade and camber including applying and brooming stone screening type-B of size 11.2mm (eleven point two millimetre) nominal size at the rate of 0.18cum (zero point one eight cubic metre) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density for grading-III as per MORD Technical specification clause 405 and as per entire satisfaction and direction of Engineer-in-Charge. Including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	20.00 Cubic metre			Per cubic metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1, and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax or any other taxes imposed by the Government. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government (M-10)	2772.50 Square metre			Per Square metre	
<b>TOTAL</b>						

Executive Engineer,  
Kotla Behar Division,  
MPWD Kotla Behar.



(21)

**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,93,176/-

Earnest Money :- Rs. 9900/-

Time Limit :- Two Month.

Name of work:- A/R &amp; M/O various roads under Pragpur Sub Division (SH: Repair of pot holes at various RDS) Job No.-3

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Providing laying, spreading by manual/mechanically means and compacting to 75mm (seventy five millimeter) compacted thickness, stone aggregates of Grading-III, 53mm to 22.4mm (fifty three to twenty two point four millimetre) size to water bound macadam specification including spreading in uniform thickness, using template, hand packing motor grader, rolling with three wheeled roller 80-100 (eighty to hundred) KN static weight in stages to proper grade and camber including applying and brooming stone screening (type-B of size 11.2mm (eleven point two millimetre) nominal size at the rate of 0.18cum (zero point one eight cubic metre) per ten square metre of road surface to fill up the interstices of coarse aggregate, watering and compacting to the required density for grading-III as per MORD Technical specification clause 405 and as per entire satisfaction and direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	20.00 Cubic metre			Per cubic metre	
2	Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20mm (Twenty millimetre) thick pre-mix carpet and seal coat type B specification Clause (104.2, 503 and 508.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax or any other taxes imposed by the Government. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government. (Rq-13)	2772.50 Square metre			Per Square metre	
	<b>TOTAL</b>					

Executive Engineer,  
Kotla Behar Division,  
BPPWD Kotla Behar



**BILL OF QUANTITY**

Estimate Cost :- Rs. 3,08,584/-

Earnest Money :-Rs. 6200/-

Time Limit :- Three Month.

**Name of work:- Repair of Type-II quarter at CHC Dada Siba, Tehsil Dada Siba, District Kangra HP (Deposit work)**

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Demolishing stone rubble masonry in cement mortar including stacking of serviceable material and disposal of unserviceable material upto any lead, lift and other incidentals or as directed by Engineer-in-Charge and carriage of materials within all leads, lifts and other incidentals. The rate inclusive of Malkhana, Royalty, Octroi, GST, toll tax or any taxes imposed by the Government.	12.25 Cubic metre			Per Cubic metre	
2	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking upto any lead, lift and other incidentals or as directed by Engineer-in-Charge and carriage of materials within all leads, lifts and other incidentals. The rate inclusive of Malkhana, Royalty, Octroi, GST, toll tax or any taxes imposed by the Government.	6.00 Number			Each	
3	Demolishing cement concrete manually/ by mechanical means including disposal of material within all lead, lift and other incidentals or as directed by Engineer-in-Charge and carriage of materials within all leads, lifts and other incidentals. The rate inclusive of Malkhana, Royalty, Octroi, GST, toll tax or any taxes imposed by the Government.	1.45 Cubic metre			Per Cubic metre	
4	Random rubble masonry brought to courses with hard stone of approved quality in super structure including levelling up with cement concrete 1:6:12 (one cement is to six sand is to twelve graded crushed/broken stone aggregate 20mm (twenty millimeter) nominal size) at plinth level in cement mortar 1:6 (one cement is to six sand) and curing complete as per approved drawing, design, specification and as per direction and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malikhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	11.29 Cubic metre			Per Cubic metre	
5	Providing Sill wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length ( hold fast lugs or dash fastener shall be paid for separately).	0.193 Cubic metre			Per Cubic metre	



Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
6	Providing and applying 15mm (fifteen millimeter) thick cement plaster with cement mortar 1:6 (one cement is to six sand) in single coat on rough side of brick/concrete/ stone walls for interior plastering up to all floor level including arses, internal rounded angles, chamfers or rounded angles in all girth and finished even and smooth as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	55.26 Square metre			Per Square meter	
7	Providing and laying vitrified floor tiles of Restler/ Nitco/ Rak/ Simpolo/ AGU/ Kajaria/ Johnson/ Orient bell/ Somany of 600x600mm (Six hundred millimeter) into six hundred millimeter size manufactured of approved shade and colour (thickness to be specified by the manufacturer) with water absorption less than 0.08% (Zero point zero eight percent) and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (Twenty millimeter) thick cement mortar 1:4 (one cement is to four coarse sand), jointing with grey cement slurry at the rate 3.3 kg/ sqm (Three point three kilogram per square metre) including grouting the joints with white cement and matching pigments etcetra complete as per approved drawing, design, specification and as per direction and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	36.44 Square metre			Per square metre	
8	Providing and fixing 12mm (Twelve millimeter) thick natural colour insulating board ceiling of approved quality with necessary nails etc. complete as per approved drawing, design, specification and as per direction and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. (frame work to be paid separately) The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	21.31 Square metre			Per square metre	
9	Providing and fixing 35mm (Thirty five millimeter) thick Second class teak wood shutters panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding paneling which will be paid for separately, all complete as per direction of Engineer-in-charge.	10.02 Square metre			Per square metre	
10	Fixing old glass panes with wooden fillets (excluding cost of fillets) as per direction and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	1.53 Square metre			Per square metre	



Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
11	Distemping New work (two or more coats) with oil bound washable distemper of approved brand and manufacture to give an even shade over and including water thinnable priming coat with cement primer as per direction and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	168.71 Square metre			Per square metre	
12	Painting wood work Two or more coat with Dulux Mull Surface Paint of required shade, applied at the rate 0.90 ltr/10 sqm (Zero point nine zero litre per ten square metre) over an under coat of primer applied at the rate 0.75 ltr/10 sqm (Zero point seven five litre per ten square metre) of approved brand and manufacture as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	116.48 Square metre			Per Square meter	
13	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, insets of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	35.52 Square metre			Per Square meter	
14	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc.	2.34 Square metre			Per Square meter	
15	Providing and laying mechanically mixed and vibrated reinforced cement concrete work of grade M-25 (M-Twenty five) design mix to obtain the minimum compressive strength of 25 N/mm <sup>2</sup> (Twenty five newton) per square millimeter with minimum cement contents of 400kg (Four hundred kilograms) per cubic metre and curing complete excluding the cost of form work and reinforcement for reinforced concrete work in beams, suspended floors, roofs having slope up to any degree, landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases etcetra up to all floor level as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	0.18 Cubic metre			Per cubic metre	



Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
16	Providing and fixing white vitreous china pedestal type water closet (European type) of Hindware/ Cera/ Jaquer of Star white/snow white shade with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required complete as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	2 Number			Each	
17	Providing and fixing Vitreous China Wash basin size 630x450 mm (Six hundred thirty into four hundred fifty millimetre) Hindware/ Cera/ Jaquer of Star white/snow white shade with a pair of 15mm (Fifteen millimetre) C.P. (Chromium plated) brass pillar taps wash basin with C.I. (Cast iron) brackets, 32mm (Thirty two millimetre) C.P. (Chromium plated) brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require complete as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	2 Number			Each	
18	Providing and fixing 510x1040x250mm (Five hundred ten into one thousand forty into two hundred fifty millimetre) Stainless Steel A ISI 304 (18/8) kitchen sink with drain board as per IS-13983 with C.I. brackets and stainless steel plug 40mm (Forty millimetre) including painting of fittings and brackets, cutting and making good the walls wherever required as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	2 Number			Each	
19	Providing and fixing G.I. inlet connection for flush pipe connecting with W.C. pan as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	4 Number			Each	
20	Providing and fixing 600x450mm (Six hundred into four hundred fifty) beveled edge mirror of superior glass (of approved quality) complete with 8 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	2.00 Number			Each	
21	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc complete as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, makhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	15 Running metre			Per running metre	



29

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
22	Providing and fixing C.P. (Chromium plated) 15mm (Fifteen millimetre) nominal bore brass, bib cock of approved quality complete as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	8 Number			Each	
23	Providing and fixing C.P. (Chromium plated) 15mm (Fifteen millimetre) nominal bore brass stop cock of approved quality complete as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	6 Number			Each	
	<b>TOTAL</b>					

Executive Engineer,  
Kotla Behar Division,  
MPPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs.2,06,473  
 Earnest Money :-Rs. 4150/-  
 Time Limit :- Three Month.

Name of work:- A/R & M/O Balghar Chatwal Landyara road road Km. 0/0 to 4/250 (SH: C/o V-shape drain at RD 2/120 to 2/400)

Sr. No.	Description of Item	Quantity	Rate In		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling trimming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or baling out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rates including Royalty, Makhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	75.60 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete, M-10 Grade (M-Ten) Nominal mix 1:3:6 (one cement into three sand into six graded crushed stone aggregate 20mm (Twenty millimeter) nominal size) in or under water in open foundations and the like for all types of structures, including pumping or baling out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including cartage of materials within all leads, lifts and other incidentals. The rate including Royalty, Makhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	67.20 Cubic metre			Per Cubic metre	
<b>TOTAL</b>						

Executive Engineer,  
 Kollia Behar Division,  
 APPWD Kollia Behar



## BILL OF QUANTITY

Estimate Cost :- Rs.2,83,743/-  
 Earnest Money :-Rs. 5700/-  
 Time Limit :- Two Month.

Name of work:- Construction of Govt. Sr. Sec. School Kotla Behar to Upari Behar Brahman Di Basti road Km. 0/0 to 0/480 (SH: P/L CC interlocking paver block at various RDs)

Sr. No.	Description of item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling, wedging out, rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of slumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling, forming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and clearing of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	63.60 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete Grade-M20 (M-Twenty) design mix with minimum cement contents of 330 kgs. (Three hundred thirty kilograms) in or under water in open foundation for all types of structure and the like, including cost of form work and curing complete as per drawing and MORD technical specification section 800, 900 & 1200 and as per the direction and the entire satisfaction of Engineer-in-Charge, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water for all heights/depths and any quantum of water complete including carriage of materials up to all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	13.20 Cubic metre			Per Cubic metre	
3	Providing and laying mechanically mixed and vibrated concrete 1:4:8 (one cement into four sand into eight graded crushed stone aggregate (40mm) (forty millimeter nominal size) for plain cement concrete in all heights/depths, in open foundation or under water, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying under water, for all heights/depths and any quantum of water, including cost of form work and curing complete in open foundation and the like elevations complete, as per drawing and MORD technical specification section 800, 900, 200 and 1600 as per the satisfaction and the direction of Engineer-in-Charge including carriage of materials within leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	28.00 Cubic metre			Per Cubic metre	
4	Providing and laying of inter locking concrete paver blocks make of NTC/NITCO/HPWD approved having thickness 80mm (eighty millimeter) Grade M-40 IS Code-15655:2006 and Technical Specification Clause 1504 and as per the direction and the entire satisfaction of Engineer-in-Charge, including carriage of material within all leads lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	280.00 Square metre			Per Square metre	
	<b>TOTAL</b>					

Executive Engineer,  
 Kotla Behar Division,  
 CHPPWD Kotla Behar.



# **BILL OF QUANTITY**

Estimate Cost :- Rs.3,53,417/-  
Earnest Money :-Rs. 7100/-  
Time Limit :-Four Month.

**Name of work:- C/o Veterinary Dispensary at Tikker, Tehsil Rakkar, District Kangra HP (Sh: C/o B/wall and boundary wall).**

Sr. No.	Description of Item	Quantity	Rate In		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling, wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials, to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and stulting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and cleaning of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	24.15 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:5:10 (One cement iso five sand iso ten graded crushed stone aggregate 40mm/forty millimeter) nominal size), in or under water in Retaining wall/breast wall and the like etc/eterna complete including pumping or bailing out water, dewatering (surface/sub soil water)including removal of slush which may arise at time of laying under water for all heights/depts and any quantum of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORD Technical Specification section 800, 800,1200 and 1500 and as per entire satisfaction and directions of Engineer-in-charge, including cartage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	38.70 Cubic metre			Per Cubic metre	
3	Providing and laying 100mm (one Hundred millimeter) dia ISI marked P.V.C. pipe Wesp Holes in brick masonry/stone masonry plain reinforcement concrete abutments, wing wall return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1(V): 20(H) (One vertical iso twenty Horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614,709,1204,3,7 and as per the direction and entire satisfaction of Engineer-in-Charge complete, including cartage of materials, with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	12.00 Number			Each	
4	Excavation in foundation trenches etc/eterna in earth work in all kinds of classification of soil such as pick work, jumper work, pick jumper work, blasting work, jumper blasting work soft and hard blasting and work doing in saturated soil, including chiseling or wedging out rock, where blasting is prohibited, or any other mixed variety of soil including shoring, shunting, de-watering and pumping or bailing out water (surface and sub soil water) upto any depth or any quantum of water including slush which may arise during dewatering, removal of slush and stacking the excavated soil clear from the edge of excavation with in all leads, as directed by Engineer-in-Charge and then returning the stacked soil in 15cm (fifteen centimeter) layers when required into plinths, sides of foundations etc/eterna consolidating each deposited layer by ramming watering and then disposing of all surplus excavated earth as directed by Engineer-in-Charge with in all leads and lifts, disposed earth to be levelled and neatly dressed including cartage of material within all leads and lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, Toll Tax, Sale Tax, GST or any other taxes imposed by the Government.	33.75 Cubic metre			Per Cubic metre	
5	Providing and laying mechanically mixed and vibrated plain cement concrete 1:4:8 (one cement iso four sand iso eight graded crushed stone aggregate 40mm (forty millimeter) nominal size) and curing complete, in or under water, including pumping or bailing out water/dewatering, removal of slush which may arise at the time of laying under water complete excluding the cost of form work in foundation and plinth in all depths/heights as per HPPWD specifications and as directed by the Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, Toll Tax, Sale Tax, GST or any other taxes imposed by the Government.	3.38 Cubic meter			Per Cubic meter	



Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
6	Providing form work with steel plates 3.15mm (Three point one five millimeter) thick, welded with angle iron in frame 30X30X5mm (Thirty into Thirty into Five millimeter) so as to give a fair finish including centering, shuttering stulling and propping etcetra with wooden battens and bales, height of propping and centering in all heights, below supporting floor to ceiling and removal of the same for in situ reinforced concrete and plain concrete work in foundation footings, basis of columns etcetra and mass concrete as per specifications, approved drawing and design, and as directed by the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, Toll Tax, Sale Tax, GST or any other taxes imposed by the Government.	61.00 Square meter			Per Square meter	
7	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete. Nominal mix 1:3:6 (one cement into three sand into six graded crushed stone aggregate (40mm) forty millimeter nominal size) on ground or under water in open foundations and the like for all types of structures, including pumping or bailing out water/dewatering (surface and sub-soil water) and removal of the slush which may arise at the time of laying concrete, for all heights/depts and any quantity of water, including cost of form work in foundation and plinth in all depths/heights as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	15.19 Cubic metre			Per cubic metre	
8	Brick work using Second class common burnt clay buildings bricks in foundation and plinth in cement mortar 1:4 (one cement into four sand) and curing complete as per approved drawing, design, specification and as per direction and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	2.65 Cubic meter			Per Cubic meter	
9	Second class half brick work using common burnt clay building bricks in super structure above plinth level to all heights/floor level in cement mortar 1:3 (one cement into three sand) and curing complete including carriage of material within all leads, lifts and other incidentals, as per directions and entire satisfaction of the Engineer-in-Charge. The rate is including Royalty, Malkhana, Octroi, Toll Tax, Sale Tax, GST or any other taxes imposed by the Government.	62.08 Square meter			Per Square meter	
10	Providing and applying 15mm (fifteen millimeter) thick cement plaster with cement mortar 1:4 (one cement into four sand) in single coat on rough side of brick/concrete stone walls for interior plastering up to all floor level including arises, internal rounded angles, chamfers or rounded angles in all girth and finished even and smooth as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	186.74 Square metre			Per Square metre	
11	Providing and applying white cement based putty of average thickness 1mm (One millimetre), of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete upto all floor level as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	186.74 Square metre			Per Square meter	
12	Finishing walls two or more coat on new work with water proofing cement paint at the rate 3.84 Kg/10 Sqm (Three point eight four kilogram per ten square metre) of required shade, as per approved drawing, design, specifications and as per directions and entire satisfaction of the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is inclusive of octroi, royalty, malkhana, toll tax, sale tax, GST or any other taxes imposed by the Government.	186.74 Square metre			Per Square metre	
<b>TOTAL</b>						

Executive Engineer,  
Kotla Behar Division,  
HPPWD Kotla Bahar



**BILL OF QUANTITY**

Estimate Cost :- Rs.263498/-  
 Earnest Money :-Rs.5300/-  
 Time Limit :-Three month.

Name of work:- A/R & M/O Chintpurni Samnoli road Km. 0/0 to 2/300 (SH: P/L wire crates downstream side at RD 0/907)

Sl. No.	Description of item	Quantity	Ratio in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, chiseling/ wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of stumps and other deleterious materials and disposal of excavated material upto any leads and lifts including dressing of sides and bottom and obstructions necessary for placing the foundations, trimming, leveling ramming and watering bottom of excavation and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or bailing out water (surface and sub-soil water) up to any depth and any quantum of water and clearing of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, toll tax, sale tax, GST or any other taxes imposed by the Government.	89.40 Cubic metre			Per Cubic metre	
2	Providing and laying of boulder apron laid in wire crates with 4mm (four millimeter) dia GI wire conforming to IS:280 and IS:4626 in 100mmx100mm (one hundred millimeter into one hundred millimeter) mesh (woven diagonally) including 10 (ten) per cent extra for laps and joints laid with stone boulders, weighing not less than 25kg (twenty five kilogramme) each as per drawing and technical specifications Clause 1301 and as per the direction and the entire satisfaction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	172.92 Cubic metre			Per Cubic metre	
<b>TOTAL</b>						

Executive Engineer,  
 Kotla Behar Division,  
 APPWD Kotla Behar.



**BILL OF QUANTITY**

Estimate Cost :- Rs. 4,80,000/-  
Earnest Money :-Rs. 9600/-  
Time Limit :-Two Month,

Name of work:- A/R & M/O Various bridges/Buildings under Kotla Behar Division, HPPWD Kotla Behar (SH: Geological Investigation of soil/strata)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Sub soil investigation of all type of soil/strata by drilling bore holes of NX size (75 millimetre diameter) ranging from 10 (Ten) metre or above in depth for investigating of soil /rock conditions at site of work including mobilization and de-mobilization for drilling shifting of machinery to bore site, making platform and water arrangement for drilling. The scope of work includes collection of disturbed and undisturbed Core Samples, plugging of bore holes. Preservations of core including relevant fields and laboratory tests and submission of geological report of complex site of work including carriage of material within all leads and lifts and as per direction of Engineer-in-Charge The rate is including Royalty, Malkhana, Octroi, toll tax, sales tax, GST, or any other taxes imposed by the Government.	160.00 Running metre			Per running metre	
	<b>TOTAL</b>					

Executive Engineer,  
Kotla Behar Division,  
HPPWD Kotla Behar.



# BILL OF QUANTITY

Estimate Cost :- Rs.4,29,525/-  
Earnest Money :- Rs.8500/-  
Time Limit :- Three Month.

Name of work:- Restoration of rain damage on Durgain to Santa Bari road Km. 0/0 to 7/625 (SH: C/o R/wall at various RDs)

Sr. No.	Description of Item	Quantity	Rate in		Unit	Amount
			Figures	Words		
1	Earth work in excavation in foundation for all types of structures such as retaining walls, breast walls, culverts, drains, parapets and other similar structures in all kinds and classification of soil, including saturated soil comprising of ordinary mix soil, ordinary rock, hard rock, cherting, wedging out rocks (where blasting is prohibited) complete in accordance with the lines and dimensions shown on the drawings, including setting out, construction of shoring, bracing, removal of slumps, and other obstructions necessary for placing the foundations, trimming, leveling, retaining and watering bottom of excavation, and backfilling in trenches with excavated suitable approved materials to the original surface in layers not exceeding 15cm (fifteen centimeter) compacted thickness including shoring and strutting and pumping or baling out water (surface and sub-soil water) up to any depth and any quantity of water and clearing of slush which may arise out during dewatering complete as per drawing and MORD Technical Specification clause 305.1 and as per the direction and the entire satisfaction of Engineer-in-Charge including cartage of material within all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	75.53 Cubic metre			Per Cubic metre	
2	Providing and laying mechanically mixed and vibrated concrete for plain cement concrete 1:3:10 (One cement into five sand into ten graded crushed stone aggregate 40mm(Forty millimeter) nominal size), in or under water in Retaining wall/breast wall and the live estructure complete including pumping or baling out water, dewatering (surface/sub soil water)including removal of slush which may arise at time of laying under water for all heights/depths and any quantity of water, including cost of form work and curing complete for 14 (fourteen) days and as per drawing and MORD Technical Specification section 800, 900, 1200 work and 1600 and as per entire satisfaction and directions of Engineer-in-Charge, including cartage of materials within all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sales tax or any other taxes imposed by the Government.	166.82 Cubic metre			Per cubic metre	
3	Providing and laying 100mm (one Hundred millimeter) dia ISI marked P.V.C. pipe Weep Holes in brick masonry/stone masonry plant reinforcement concrete abutments, wing wall/ return wall, retaining walls and breast walls, extending through the full width of the structure with slope of 1(V): 20(H) (One vertical into twenty Horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614,709,1204.3.7 and as per the direction and entire satisfaction of Engineer-in-Charge complete, including cartage of materials with in all leads, lifts and other incidentals. The rates including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	104.00 Number			Each	
4	Back filling behind abutment Retaining wall/breast wall, Wing walls and the like with approved granular materials complete as per drawings and MORD technical specification clause 1004.7 and section 300 as directed by the Engineer-in-Charge including cartage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	84.00 Cubic metre			Per Cubic metre	
5	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 as directed by the Engineer-in-Charge, including cartage of materials with in all leads, lifts and other incidentals. The rate is including Royalty, Malkhana, Octroi, GST, toll tax, sale tax or any other taxes imposed by the Government.	45.00 Cubic metre			Per Cubic metre	
<b>TOTAL</b>						

Executive Engineer,  
Kotla Behar Division,  
G.P.P.W.D Kotla Behar.