

Himachal Pradesh
Public Works Department

No. PW.KD.DB/ Tender/2021-22 - 11041-11141

Dated 1-05-08-2022

To

The Executive Engineer (IT cell),
Nigam Vihar, Shimla-2.

Subject:- Publication of tender Notice.

Enclosed please find herewith the Tender Notice of the works as given in the Notice inviting Tender for uploading on department website as per notification pr. Secy (pw) to the govt. of HP letter No. PBW (B) A (3) 1/2020 dated Shimla-2 the 16th july 2021 as the work mentioned in the tender notice urgent in nature and in public interest.

DA/NIT & Schedule of quantity certificate.


Executive Engineer
Killar Division HP, PWD
Killar (Pangi)

Copy forwarded for information and necessary action to:-

1. Copy forwarded to Resident Commissioner Pangi at Killar
2. Copy forwarded to Chief Engineer (KZ) HP PWD Dharmshala
3. Copy forwarded to Superintending Engineer 7th Circle HP PWD Dalhousie


Executive Engineer
Killar Division HP, PWD
Killar (Pangi)

**HIMACHAL PRADESH
PUBLIC WORK DEPARTMENT
"NOTICE INVITING TENDER"**

Sealed item rate tender on form No. 6&8 are hereby by the Executive Engineer, Killar Division, HPPWD, Pangi for the following works on behalf of the Governor of Himachal Pradesh from the eligible contractor enlisted in HPPWD so as reach in this office as per time schedule given below:-

1. Date of receipt of Applications for tender forms:-16.03.2022 upto 3:00 PM
2. Date issue/sale of Tender forms:- 17.03.2022 upto 5:00 PM
3. Date of receipt of Tender :- 19.03.2022 upto 11:00 AM
4. Date of opening of Tender:- 19.03.2022 upto 11:30 AM

Sr. No.	Name of Work	Estimat ed cost	Earnest Money	Cost of form (RS)	Time period for completion	Form No.	Eligibility of contractors
1	C/O M/able link road from Village Pregram Km 0/0 to 4/00 (Sh:- C/O B/Wall at Rd 1/010 to 1/045 R/Wall 1/020 to 1/044.)	480162	10,000/	350/-	Three Months		Class "C" & "D" enlisted in HPPWD
2	A/R & M/O on Mahalu Nallah to Seri Kothi Karyuni (Sh:- C/O R/wall at RD 4/075 to 4/099).	495231	10,000/	350/-	Three Months	6&8	-do-
3	imp of Geo & CD on protection work on Thanu Chousar Karyuni road km 0/0 to 2/500 (Sh:- C/O R/Wall at RD 0/520 to 522.50 & 0/575 to 0/600)	495870	10,000/	350/-	Three Months	6&8	-do-
4	C/O link road to food Gowdon at Dharwas (Sh:- C/O B/Wall at RD 0/00 to 0/040 and E/wall R/Wall at RD 0/110 to 0/149).	494523	10,000/	350/-	Three Months	6&8	-do-
5	Improvement of geo. Of curve from Killar to Tattan Mata mandir road Km 0/0 to 6/980 (SH:- C/O E/wall at RD 3/120 to 3/160 , 4/820 to 4/840 and 5/790 to 5/820)	483351	10,000/	350/-	Three Months	6&8	-do-
6	C/O M/able link road from Saichu to Chasak Bhatori road km 0/0 to 6/500 (SH- C/o B/wall at RD 4/210 to 4/255)	440336	10,000/	350/-	Three Months	6&8	-do-
7	C/O A/R & M/O on A K road km. 27/500 to 67/00 Construction of Retaining wall in CM 1:6 at RD 64/745 to 64/ 770	493747	10,000/	350/-	Three Months	6&8	-do-
8	C/O M/able link road from Saichu to Chasak bhatori road km 0/0 to	499604	10,000/	350/-	Three Months	6&8	-do-

	6/500 (Sh:- C/O R/Wall at RD 3/740 to 3/768)						
9	Improvement of geo and matalling & Tarring on Rakhni Nallah to Nichala Kuthal road Km 0/0 to 2/0 (sh:- C/O E/wall at RD 0/080 to 0/165 & B/Wall at Rd 0/065 to 0/100)	494429	10,000/-	350/-	Three Months	6&8	-do-
10	C/O M/able link road from Saichu to Chasak bhatori road km 0/0.to 6/500 (Sh:- C/O E/Wall at RD 2/580 to 2/640, 3/668 to 3/688 ,3/795 to 3/820 & 3/860 to 3/875.)	496766	10,000/-	350/-	Three Months	6&8	-do-
11	A/R & M/O to AK road Km 27/500 to 67/00 (Sh:- formation cutting at RD 41/305 to 41/380	433174	10,000/-	350/-	Three Months	6&8	-do-
12	Construction of M/able Link Road from Saiuchu to Chesak Bhatori Road Km 0/0 to 6/500 (SH:- Formation Cutting between RD 6/500 to 6/850)	490706	10000/-	350/-	Three Months	6&8	-do-
13	Protection work to private land from Udeen Nallah to Hillu-Towan road Km 0/0 to 6/500. (SH:- Construction of R/wall at RD 4/190 to 4/225)	475169	10000/-	350/-	Three Months	6&8	-do-
14	Construction of Link road to village Udani Km 0/0 to 1/0 (SH:- Construction of B/Wall at RD 1/120 to 1/140 and R/wall RD 0/140 to 0/160.50)	490165	10,000/-	350/-	Three Months	6&8	-do-
15	C/O link road from Gref. Junction to Village Jalwas Km 0/0 to 2/500 (Sh:- P/L wire crate at RD 0/430 to 0/452 and c/o dry R/Wall at Rd 0/452 to 0/477)	492633	10,000/-	350/-	Three Months	6&8	
16	Construction of Link road form GREF Junction to village Jhalwas Km 0/0 to 2/500 (SH:- Construction of B/Wall in wire crate at RD 0/080 to 0/170)	488756	90000/-	350/-	Three Months	6&8	-do-
17	Construction of Link road form GREF Junction to village Jhalwas Km 0/0 to 2/500 (SH:- Construction of B/Wall in wire crate at RD 0/420 to 0/516)	487907	90000/-	350/-	Three Months	6&8	-do-

18	Name of Work:-Improvement of Geometrice on Sach to Ghisal via Kuthal M/able Road km 0/0 to 6/500 (SH:- Construction of B/Wall in wire crate at RD 1/820 to 1/852 and Edge wall RD 1/755 to 1/877)	499100	10000/-	350/-	Three Months	6&8	-do-
19	A/R & M/O Sach to Ghisal via Kuthal Km 0/0 to 6/500 (Sh:- Removal of formation deficiency at RD 1/195 to 1/230 & E/wall at Rd 1/195 to 1/230)	499864	10000/-	350/-	Three Months	6&8	-do-
20	Name of Work:-Construction of Jeepable to M/able link Road from Purthi to Thandel km 0/0 to 6/500 (SH:- Construction of R/Wall at RD 6/060 to 6/090)	499924	10000/-	350/-	Three Months	6&8	-do-
21	Construction of Motorable link Road from Saichu to Udeen km 0/0 to 6/500 (SH:- Construction of B/Wall at RD 6/170 to 6/205)	499924	10000/-	350/-	Three Months	6&8	-do-
22	Name of Work:-Construction of Motorable link Road from Udeen Nallah to Hillu Town km 0/0 to 6/500 (SH:- protection work to private land by c/o B/Wall in wire crate at RD 3/580 to 3/680)	470395	10000/-	350/-	Three Months	6&8	-do-
23	Construction of M/able Link Road from Saiuchu to Chesak Bhatori Road Km 6/500 to 10/0 (SH:- Formation Cutting between RD 7/110 to 7/440)	492462	10000/-	350/-	Three Months	6&8	-do-
24	Construction of Motorable link Road from Village Udeen 0/0 to 2/870 (SH:- C/O R/Wall at RD 0/410 to 0/440)	459452	10000/-	350/-	Three Months	6&8	-do-
25	Name of Work:-Protection work to private land on Udeen Nallah to Hillu Town km 0/0 to 6/500 (SH:- C/O R/Wall in wire crate at RD 4/920 to 5/020)	499779	10000/-	350/-	Three Months	6&8	-do-
26	C/o Motrable link road from Gref road to village Chhow km 0/0 to 1/500 (SH:- Construction of R/Wall at RD 0/370 to 0/390)	485190	10000/-	350/-	Three Months	6&8	-do-
27	Name of Work:-C/o Motrable link road from Gref road to village Chhow km 0/0 to 1/500 (SH:-	493366	10000/-	350/-	Three Months	6&8	-do-

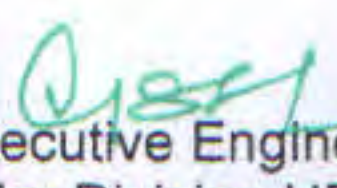
	Construction of R/Wall at RD 0/780 to 0/810)						
28	C/o Motrable link road from Gref road to village Chhow km 0/0 to 1/500 (SH:- Construction of R/Wall at RD 1/010 to 1/032)	474472	10000/	350/-	Three Months	6&8	-do-
29	C/o Motrable link road from Village Dhanwas road Km 0/0 to 3/500 (SH:- Construction of R/Wall at RD 0/170 to 0/210)	473652	10000/	350/-	Three Months	6&8	-do-
30	Improvement of Geometrics of Link Road from Chowaki Bazar to Village Karoti Km 0/0 to 2/0 (SH:- Construction of B/Wall at RD 1/247 to 1/292)	371814	8,000/	350/-	Three Months	6&8	-do-
31	Construction of M/able Link Road from Saiuchu to Chesak Bhatori Road Km 6/500 to 10/0 (SH:- Formation Cutting between RD 6/850 to 7/110)	491718	10000/	350/-	Three Months	6&8	-do-
32	R/O rain snow damage on helipad road Km 0/0 to 2/500 (SH:- Construction of R/Wall with P.C.C at RD 0/105 to 0/195)	446523	10000/-	350/-	Three Months	6&8	-do-
33	Protection work to private land from Udeen Nallah to Hillu-Towan road Km 0/0 to 6/500. (SH:- Construction of R/wall at RD 4/250 to 4/275 and B/wall RD 4/250 to 4/265)	486418	10000/	350/-	Three Months	6&8	-do-
34	Improvement of Geometrics of Link Road from Chowaki Bazar to Village Karoti Km 0/0 to 2/0 (SH:- Construction of B/Wall at RD 1/292 to 1/337)	380479	8,000/	350/-	Three Months	6&8	-do-
35	Name of Work:-Construction of Jeepable to M/able link Road from Purthi to Thandel km 0/0 to 6/500 (SH:- Construction of B/Wall at RD 6/060 to 6/090)	496848	10000/-	350/-	Three Months	6&8	-do-
36	C/O J/able to M/able link road from Thamloo to Ghisal Km 0/0 to 4/500 (SH:- improvement of Geometric formation deficiency between at RD 0/0 to 2/0 & E/Wall at Various RD's	446333	10,000/	350/-	Three Months	6&8	-do-
37	Improvement of geometrics of	447791	10,000/	350/-	Three	6&8	-do-

	Khelwin road KM 0/0 to 2/0 (SH:- Formation deficiency and E/Wall at various RD's between at RD 0/0 to 2/0.)						
38	Improvement of Geometrics & M/T & C/D work on Thanu Chouser road Km 0/0 to 2/500 (SH:- Construction of P.C.C.V-Shape drain km 0/0 to 2/100)	498311	10,000/-	350/-	Three Months	6&8	-do-
39	C/O link road from Chowki Bazar to Mahalu Nallah to Village Karhoti Km 0/0 to 2/00 (Sh:- C/O R/Wall at RD 0/725 to 0/737)	288296	5,000/-	350/-	Three Months	6&8	-do-
40	Imp of Geo. On Chowki to Karhoti M/able road KM 0/0 to 2/500 (C/O B/Wall at RD 0/630 to 0/640 and R/wall at Rd 0/640 to 0/650)	469416	10,000/-	350/-	Three Months	6&8	-do-
41	Name of Work:-imp. Of geo curve from Killar to Hudan Bhatori road Km 0/0 to 14/600 (SH:- Construction of R/Wall in wire crate at RD 1/200 to 1/240.80)	499779	10000/-	350/-	Three Months	6&8	-do-

TERMS & CONDITION:- The tender documents shall be issued to those contractor/firms who fulfill the following documents with the application:-

1. The valid enlistment/ registration of contractor in appropriate class.
2. Permanent Account Number (PAN).
3. GST Number.
4. Earnest money in the shape of National saving certificate/time deposit account in any of the post office in HP. FDR from any Nationalized Bank (i/c SBI , Cooperative Bank & HP Garmin Bank) duly pledged in favour of the executive Engineer.
5. The earnest money & cost of tender form for the above works should be submitted with the application for the purchase of the tender form. The application received without earnest money and cost of tender form shall summarily be rejected.
6. Tax clearance certificate (T.C.C.) issued from the concern
7. Ed Exercise and taxation department.
8. Ambiguous/telegraphic/conditional tenders or tender by Fax/E-mail shall not be entertained/considered and will summarily be rejected.
9. Executive Engineer reserves the right reject or cancel any or all the tenders without assigning any reasons.
10. The offer of the tender shall be remain valid upto 120 days after the opening of tender.
11. If the date given above happens to be a holiday, the same shall be processed on next working days.
12. The contractors/firm must quote their rate in words as well as figures failing with Xen reserves the right to accept/reject any or all tenders.
13. The tender form will not be issued to those contractor/firms whose previous performance is not found satisfactory and who have not executed/completed the previous awarded works within the stipulated period of completion.

14. One contractor should not have more than two major works in hand at a time.
15. Work should be completion by the contractor within the stipulated period.
16. Works completion and work in hand certificate issued by the concerned Executive Engineer must be attached with the application for issued of tender from.


Executive Engineer,
Killar Division HP, PWD,
Killar (Pangi)

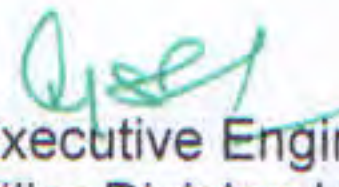
For and on behalf of the governor of HP.

NO. PW- KD- DB-Tender /2022-23-11041-11141

DATED: 05-03-2022

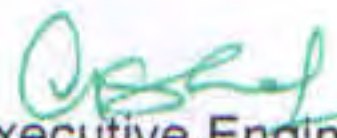
Copy forwarded for information and necessary action to:-

1. Copy forwarded to Resident Commissioner Pangi at Killar
2. Copy forwarded to Chief Engineer (KZ) HP PWD Dharmshala
3. Copy forwarded to Superintending Engineer 7th Circle HP PWD Dalhousie
4. Copy forwarded to Sub- Divisional Magistrate Pangi at Killar
5. Copy forwarded to Block Development Officer Pangi at Killar
6. Copy forwarded to Account Branch.
7. Copy forwarded to Assistant Engineer Killar Sub-Division- I, No-II & Store HP PWD Killar.


Executive Engineer,
Killar Division HP, PWD,
Killar (Pangi)

CERTIFICATE

It is certified that the tender as called and opened on dated 19.03.2022 vide NIT No.PW-KD-DB/Tender/2021-22- 11041-11141 dated 05.03.2022 in respect of Killar Division, HP.PWD. Killar (Pangi) is very urgent and exigencies/emergency due to snow bound area and less working season in the valley. Local Administration (Resident Commissioner Pangi at Killar has desired to open all the roads for vehicular traffic from the month of April,2022 in public interest. Hence, above tenders are invited vide Principal Secretary (PW) to the Govt. of Himachal Pradesh Endst. No.PBW(B)/A(3)/1/2020 dated 16 July, 2021 due to urgency and emergent nature.


Executive Engineer,
Killar Division
HP, PWD, Killar (Pangi)

Schedule of Quantity						
Name of Work:- Construction of M/able Link road to village Pregram Km 0/0 to 4/0 (SH:- Construction of B/wall between RD 1/010 to 1/045 and R/wall RD 1/020 to 1/044)						
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Estimated Cost
				Words	Amount	Time
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of material for filling in road byas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	131.25	Per cubic metre			480164.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	107.41	Per cubic metre			10000.00
3	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre			Three Month

4	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre		
5	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	112.01	Per cubic metre		
6	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	124.65	Per cubic metre		
7	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre		
Total					


 Executive Engineer
 Kallar Division
 HPPWD Kharar

Schedule of Quantity						
Name of Work:- A/R & M/O to Mahlu Nallah to Srei Kothi nKaryuni Km 0/0 to 8/0(SH:- Construction of R/wall RD 4/075 to 4/085 and 4/090 to 4/099)						
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	Words	
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	87.36	Per cubic metre			495231.00
2	Providing and laying mechanically mixed concrete for plain/ concrete in open foundation for all type of structure complete of plain cement concrete grade M-10 (M ten) with graded crushed stone aggregate 40mm (forty millimeter) nominal size in or under water and curing complete including pumping or bailing out water , dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification Clause 802,803,1202 and 1203.and to the entire satisfaction and direction of Engineer - in- Charge including carriage of material with in all leads and lifts and other incidentals.	36.72	Per cubic metre			10000.00
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	163.80	Per cubic metre			
4	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	72.72	Per cubic metre			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity									
Name of Work:-Improvement of Geometrics & CD work on Thanu to Chouser Karyuni Road Km 0/0 to 2/500 (SH:- Construction of R/wall RD 0/520 to 0/522.50 & 0/575 to 0/600)									
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Estimated Cost	Earnest Money	Three Month	Amount
				Words					
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transporation of unuseful material for filling in road wyaas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries ,materials, tolls, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	131.25	Per cubic metre						
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	107.41	Per cubic metre						
3	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty milimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre						

4	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:4:8 (one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802.803, 1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre		
5	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	112.01	Per cubic metre		
6	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702, 704, 1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	124.65	Per cubic metre		
7	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre		
Total					


 Executive Engineer
 Killar Division
 HPPWD Killa

4

Schedule of Quantity						
Name of Work:-Construction of Link Road to Food Godwon at Dharwas (SH:- Construction of B/Wall at RD 0/0 to 0/040 and Edge wall at RD 0/110 to 0/149)						
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Estimated Cost
				Words	Amount	Earnest Money Time Three Month
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of useless material for filling in road by camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all Any loss to the public private property during the course of execution shall be the absolute responsibility of the	239.60	Per cubic metre			494523.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiselling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . Any loss to the public / private property during the course of execution shall be the	87.41	Per cubic metre			
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802, 803, 1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	8.80	Per cubic metre			

4	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depts in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	96.16	Per cubic metre			
5	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depts as per MORD technical specification clause 702, 704, 1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	171.71	Per cubic metre			
6	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.31	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall, return wall & Breast wall etc. complete as per drawing and technical specification clause 612, 710, 1204, 3.1(1:2:4) and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	39.00	Per Running metre			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity						
Name of Work:-Improvement of Geometrics of Curve from Killar to Tattan Matta Mander Road Km 0/0 to 6/980 (SH:- Construction of E/Wall at RD 3/120 to 3/160 ,4/820 to 4/840 and 5/790 to 5/820)						
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	Words	
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	152.10	Per cubic metre			480588.00
2	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	299.92	Per cubic metre			
3	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	90.00	Per cubic metre			
4	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204.3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	90.00	Per Running metre			
Total						10000.00
						Three Month
						Amount


 Executive Engineer
 Killar Division
 HPPWD-Killar

Schedule of Quantity						
Name of Work:-Construction of M/able Link Road from Saiuchu to Chesak Bhatori Road Km 0/0 to 6/500 B/Wall at RD 4/210 to 4/225)				(SH:- Construction of		Estimated Cost
						Earnest Money
						Time
						Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate Words	Amount
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of useless material for filling in road byas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries, materials, tolls, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	360.90	Per cubic metre			
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiselling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	36.90	Per cubic metre			
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days, in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802, 803, 1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	9.45	Per cubic metre			

Schedule of Quantity

Name of Work:-Construction of M/able Link Road from Saiuchu to Chesak Bhatori Road Km 0/0 to 6/500
B/Wall at RD 4/210 to 4/225)

Estimated Cost

440336.00

Earnest Money

10000.00

Time

Three Month

Description of work

S No.

Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of useless material for filling in road byas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries, materials, tolls, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government

Quantity

Unit

Figure

Estimated Rate
Words

Amount

Three Month

Time

Estimated Cost

440336.00

Earnest Money

10000.00

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Three Month

Estimated Cost

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Three Month

Estimated Cost

4	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	114.69	Per cubic metre		
5	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702, 704, 1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	100.77	Per cubic metre		
6	Providing and laying P.C.C. M-20 copping on the top of the winw wall, return wall & Breast wall etc. complete as per drawing and technical specification clause 612, 710, 1204, 3.1(1:2:4) and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	45.00	Per Running metre		
Total					


 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity						
Name of Work:-A/R & M/O to Alwas Killar Road km 27/500 to 67/0 (SH:- Construction of R/Wall at RD 64/745 to 64/770)						
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	Words	
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	129.50	Per cubic metre			
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty milimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.00	Per cubic metre			
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	206.97	Per cubic metre			
4	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	27.00	Per cubic metre			
5	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2.4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	25.00	Per Running metre			
Total						

Schedule of Quantity						
Name of Work:-Construction of M/able Link Road from Saichu to Chesak Bhatori Road Km 0/0 to 6/500 at RD 3/740 to 3/768)				(SH:- Construction of R/Wall		Estimated Cost
				Time		499604.00
				Three Month		10000.00
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
				Words	Words	
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	69.55	Per cubic metre			
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.59	Per cubic metre			
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	215.60	Per cubic metre			
4	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	26.04	Per cubic metre			
5	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	28.00	Per Running metre			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

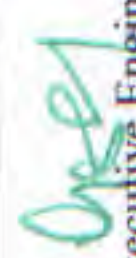
Schedule of Quantity							Estimated Cost	494430.00
Name of Work:-Improvement of Geometrics and Metalling & Tarring on Rakhni Nallah to Nichla Kuthal Road Km 0/0 to 2/0 (SH:-							Earnest Money	10000.00
Construction of E/Wall at RD 0/080 to 0/165 & B/wall RD 0/065 to 0/100)							Time	Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Amount	
					Words			
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	80.15	Per cubic metre					
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	17.60	Per cubic metre					
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etcetera, in all heights/depts in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	66.78	Per cubic metre					
4	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depts as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	201.89	Per cubic metre					
5	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	34.12	Per cubic metre					
6	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710,1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	120.00	Per Running metre					
Total								

Executive Engineer
Killar Division
HPPWD Killar

Schedule of Quantity							Estimated Cost	496766.00
Name of Work:-Construction of M/able Link Road from Saichu to Chesak Bhatori Road Km 0/0 to 6/500 at RD 2/580 to 2/640,3/668 to 3/688,3/795 to 3/820 & 3/860 to 3/875)							Earnest Money	10000.00
(SH:- Construction of E/Wall)							Time	Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Amount	
					Words			
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	93.39	Per cubic metre					
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	44.82	Per cubic metre					
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	165.00	Per cubic metre					
4	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	24.00	Per cubic metre					
5	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	100.00	Per Running metre					
Total								


 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity						
Name of Work:-A/R & M/O to Alwas Killar road Km 27/500 to 67/SH:- Formation deficiency & wire crate in R/wall between RD 41/305 to 41/380)						
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	Words	
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of useless material for filling in road byas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	1203.45	Per cubic metre			434674.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiselling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	37.48	Per cubic metre			10000.00
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS :280 and IS; 4826 in 100mm X100mm mesh including 10 percent extra for laps and joints laid with stone boulders weight not less than 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate including octroi, royalty, Malkhana toll tax, sale tax or other taxes imposed by the Government.	187.44	Per cubic metre			
Total						


 Executive Engineer
 Killar Division
 HPPWD Kihap

Schedule of Quantity									
Name of Work:- Construction of M/able Link Road from Saiuchu to Chesak Bhatari Road Km 0/0 to 6/500 (SH:- Formation Cutting between RD 6/500 to 6/850)									
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Estimated Cost		
					Words	Amount	Time	Earnest Money	
1	Excavation in Hilly Area in all heights and depths and in all kinds of soil by manual/ mechanical means including saturated soil comprising of ordinary soil soft Rock,Hard rock, chisseling/wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line ,grades cutting and trimming of side slopes and level as shown in the drawings and as directed by the Engineer in charge at site according to the M.O.R.D. technical specification clause 302, 304 and 1603 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unuseful material for filling in road way, camber , embankments for grade improvement and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries ,materials , tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required . Recovery of stones to the tune of 274.85 cubicmetre (two hundred seventy four point eight five cubicmetre) quantity at the Rate of Rupees 300/- only (Rupees Three hundred only) per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. 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 in all cases, including carriage of materials with in all leads and lifts .	3298.20	Per cubic metre					490706.00	
								10000.00	
								Three Month	
								Amount	


 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity						
Name of Work:- Protection work to private land from Udeen Nallah to Hillu-Towan road Km 0/0 to 6/500. (SH:- Construction of R/wall at RD 4/190 to 4/225)				Estimated Cost		475169.00
				Earnest Money		10000.00
				Time		Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
				Words	Words	
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	108.90	Per cubic metre			
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre			
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre			
4	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	112.01	Per cubic metre			

5	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	125.65	Per cubic metre			
6	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710,1204.3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	20.80	Per Running metre			
Total						

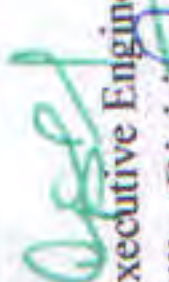

 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity						
Name of Work:-Construction of Link road to village Udani Km 0/0 to 1/0 (SH:- Construction of B/Wall at RD 1/120 to 1/140 and R/wall RD 0/140 to 0/160.50)						
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	Words	
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302.1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transporation of unuseful material for filling in road wyaas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transporation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries, materials, tolls, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all Any loss to the public private property during the course of execution shall be the absolute responsibility of the	72.00	Per cubic metre			484287.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In-Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. 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 duly compensated by him in all cases.	71.60	Per cubic metre			80000.00
3	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation for all type of structure complete of plain concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded stone aggregate 40 mm (forty millimetre) nominal size) in or under water and curing complete and including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work complete in all respect as per drawing and technical specification clause 802.803, 1202-1203 and as per the direction of the engineer-in-charge The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	192.56	Per cubic metre			
4	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	24.60	Per cubic metre			

5	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drawing face complete as per drawing and technical specification clauses 614,709, 1204.3.7 including entire carriage of materials within all leads, lifts and other incidentals. The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	28	Nos.			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity							Estimated Cost	492633.00
Name of Work:-Construction of Link road form GREF Junction to village Jhalwas Km 0/0 to 2/500 (SH:- Construction of R/Wall in wire							Earnest Money	10000.00
crate at RD 0/430 to 0/452 and Edge wall RD 0/455 to 0/477)							Time	Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Amount	
					Words			
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials with disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in - Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	111.20	Per cubic metre					
2	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702.704, 1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	42.75	Per cubic metre					
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS ;280 and IS; 4826 in 100mm X100mm mesh including 10 perccent extra for laps and joints laid with stone boulders weight not less then 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate including octroi,royalty, Malkana toll tax ,sale tax or other taxes imposed by the Government.	240.57	Per cubic metre					
4	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	147.20	Per cubic metre					
Total								


 Executive Engineer
 Killar Division
 HPPWD Killar

Schedule of Quantity						
Name of Work:-Construction of Link road form GREF Junction to village Jhalwas Km 0/0 to 2/500 B/Wall in wire crate at RD 0/080 to 0/170)				(SH:- Construction of		Estimated Cost
						Earnest Money
						Time
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	
					Words	Amount
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unuseful material for filling in road wyas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries, materials, tolls, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	642.10	Per cubic metre			488756.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. 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 duly compensated by him in all cases .	80.92	Per cubic metre			
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS ;280 and IS; 4826 in 100mm X100mm mesh including 10 percent extra for laps and joints laid with stone boulders weight not less than 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	290.62	Per cubic metre			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

Draft Schedule of Quantity						
Name of Work:-Construction of Link road form GREF Junction to village Jhalwas Km 0/0 to 2/500						
(SH:- Construction of B/Wall in wire crate at RD 0/420 to 0/516)						
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	
					Words	Amount
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of useless material for filling in road wyaas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means, and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	632.10	Per cubic metre			487907.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	80.92	Per cubic metre			
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS :280 and IS: 4826 in 100mm X100mm mesh including 10 percent extra for laps and joints laid with stone boulders weight not less than 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	290.62	Per cubic metre			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

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Schedule of Quantity									
Name of Work:-Improvement of Geometrice on Sach to Ghisal via Kuthal M/able Road km 0/0 to 6/500 (SH:- Construction of B/Wall in wire crate at RD 1/820 to 1/852 and Edge wall RD 1/755 to 1/877)									
S No.	Description of work	Quantity	Unit	Estimated Rate		Estimated Cost	Earnest Money		
				Figure	Words		Time	Three Month Amount	
1	Excavation in hilly area in all heights and depths and in all kind of soil by mannual/mechanical means including saturated soil comprising of ordinary soil,soft rock,hard rock chiselling,wedging out of rock(where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302,1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transporation of unuseful material for filling in road wyas camber,embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transporation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries ,materials, tolls,equipments and safety measures and incidentals necessary to complete the work by mechanical means.and labour if required all 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 in all cases.The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	72.00	Per cubic metre					499100.00	
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In -Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. 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 duly compensated by him in all cases .	75.65	Per cubic metre						
3	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	46.45	Per cubic metre						
4	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS ;280 and IS; 4826 in 100mm X100mm mesh including 10 percent extra for laps and joints laid with stone boulders weight not less then 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals.The rate including octroi,royalty, Malkana toll tax ,sale tax or other taxes imposed by the Government.	240.57	Per cubic metre						

5	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	147.20	Per cubic metre			
Total						


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Schedule of Quantity							Estimated Cost	
A/R & M/O Sach to Ghisal via Kuthal Km 0/0 to 6/500 (Sh:-Removal of formation deficiency at RD 1/195 to 1/230 & E/wall at Rd 1/195 to 1/230)							Earnest Money	
							Time	
							Three Month	
							Amount	


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Schedule of Quantity						
Name of Work:-Construction of Jeepable to M/able link Road from Purthi to Thandel km 0/0 to 6/500 (SH:- Construction of R/Wall at RD 6/060 to 6/090)						
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Estimated Cost
				Words	Amount	Three Month
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	119.04	Per cubic metre			496848.00
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.52	Per cubic metre			
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	215.21	Per cubic metre			
5	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	22.08	Per cubic metre			
Total						10000.00

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Schedule of Quantity						
Name of Work:- Construction of Motorable link Road from Saichu to Udeen km 0/0 to 6/500 (SH:- Construction of B/Wall at RD 6/170 to 6/205)						
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	Words	
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unuseful material for filling in road ways camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	245.60	Per cubic metre			499924.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiselling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	39.00	Per cubic metre			10000.00
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	224.17	Per cubic metre			Three Month

4	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204.3.1(1:2.4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	30.00	Per Running metre			
Total						


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Schedule of Quantity						
Name of Work:-Construction of Motorable link Road from Udeen Nallah to Hillu Town km 0/0 to 6/500 (SH:- protection work to private land by c/o B/Wall in wire crate at RD 3/580 to 3/680)						
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	
					Words	Amount
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of useless material for filling in road byas camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all Any loss to the public private property during the course of execution shall be the absolute responsibility of the	78.12	Per cubic metre			
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiselling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In-Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. Any loss to the public / private property during the course of execution shall be the	62.50	Per cubic metre			
3	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS :280 and IS; 4826 in 100mm X100mm mesh including 10 percent extra for laps and joints laid with stone boulders weight not less than 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	312.50	Per cubic metre			
Total						


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Schedule of Quantity						Estimated Cost	492462.00
Name of Work:-Construction of M/able Link Road from Saiuchu to Chesak Bhatari Road Km 6/500 to 10/0 (SH:- Formation Cutting between RD 7/110 to 7/440)						Earnest Money	10000.00
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Three Month	
						Amount	
1	Excavation in Hilly Area in all heights and depths and in all kinds of soil by manual/ mechanical means including saturated soil comprising of ordinary soil soft Rock,Hard rock, chisseling/wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line ,grades cutting and trimming of side slopes and level as shown in the drawings and as directed by the Engineer in charge at site according to the M.O.R.D. technical specification clause 302, 304 and 1603 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unuseful material for filling in road way, camber , embankments for grade improvement and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries ,materials , tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required . Recovery of stones to the tune of 206.87 cubicmetre (two hundred six point eight five cubicmetre) quantity at the Rate of Rupees 300/- only (Rupees Three hundred only) per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. 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 in all cases, including carriage of materials with in all leads and lifts .	3310.00	Per cubic metre				
Total							


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6	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710,1204,3,1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	20.80	Per Running metre			
Total						


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Schedule of Quantity							Estimated Cost	499779.00
Name of Work:-Protection work to private land on Udeen Nallah to Hillu Town km 0/0 to 6/500 (SH:- C/O R/Wall in wire crate at RD 4/920 to 5/020)							Earnest Money	10000.00
							Time	Three Month
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount		
				Figure	Words			
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In – Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	122.26	Per cubic metre					
2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS ;280 and IS; 4826 in 100mm X100mm mesh including10 perecent extra for laps and joints laid with stone boulders weight not less then 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals.The rate including octroi,royalty, Malkana toll tax ,sale tax or other taxes imposed by the Government.	318.65	Per cubic metre					
3	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	40.29	Per cubic metre					
Total								


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Schedule of Quantity									
Name of Work:-C/o Motrable link road from Gref road to village Chhow km 0/0 to 1/500 (SH:- Construction of R/Wall at RD 0/370 to 0/390)						Estimated Cost		485190.00	
						Earnest Money		100000.00	
						Time		Three Month	
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount			
						Words			
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	107.41	Per cubic metre						
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty milimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre						
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concretenominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre						
4	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	115.00	Per cubic metre						
5	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	128.65	Per cubic metre						

6	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and techanical specification clause 612,710.1204.3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	20.80	Per Running metre			
Total						


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Schedule of Quantity						
Name of Work:-C/o Motrable link road from Gref road to village Chow km 0/0 to 1/500 (SH:- Construction of R/Wall at RD 0/780 to 0/810)				Estimated Cost		493366.00
				Earnest Money		10000.00
				Time		Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
				Words		
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	107.41	Per cubic metre			
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre			
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concretenominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre			
4	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	117.65	Per cubic metre			
5	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	130.65	Per cubic metre			

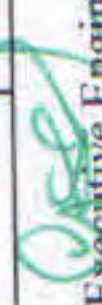
6	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	20.80	Per Running metre			
Total						


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 HPPWD Killar

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Schedule of Quantity									
Name of Work:-C/o Motrable link road from Gref road to village Chhow km 0/0 to 1/500 (SH:- Construction of R/Wall at RD 1/010 to 1/032)									
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Estimated Cost	Earnest Money	Three Month Amount
					Words	Amount			
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	107.41	Per cubic metre						
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre						
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concretenominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre						
4	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	113.65	Per cubic metre						
5	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	122.69	Per cubic metre						

6	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	20.80	Per Running metre			
Total						


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Schedule of Quantity							Estimated Cost	473652.00
Name of Work:-C/o Motrabale link road from Village Darwas Mindhal road Km 0/0 to 3/500 (SH:- Construction of R/Wall at RD 0/170 to 0/210)							Earnest Money	10000.00
							Time	Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount		
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	107.41	Per cubic metre					
2	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre					
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concretenominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre					
4	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushes, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	112.01	Per cubic metre					
5	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	124.65	Per cubic metre					

6	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204.3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	20.80	Per Running metre			
Total						


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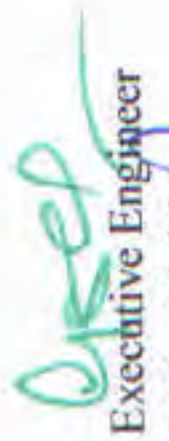
Schedule of Quantity						
Name of Work:-Improvement of Geometrics of Link Road from Chowaki Bazar to Village Karoti Km 0/0 to 2/0 (SH:- Construction of B/Wall at RD 1/247 to 1/292)				Estimated Cost		371814.00
				Earnest Money		80000.00
				Time		Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
				Words		
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unusable material for filling in road ways camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tolls, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	194.49	Per cubic metre			
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	49.34	Per cubic metre			
3	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation for all type of structure complete of plain concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded stone aggregate 40 mm (forty millimetre) nominal size) in or under water and curing complete and including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work complete in all respect as per drawing and technical specification clause 802.803, 1202-1203 and as per the direction of the engineer-in-charge The rate including octroi, royalty, Malkana toll tax , sale tax or other taxes imposed by the Government.	144.10	Per cubic metre			

4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204.3.7 including entire carriage of materials within all leads, lifts and other incidentals. The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	48	Nos.			
Total						


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Schedule of Quantity						
Name of Work:-Construction of M/able Link Road from Saiuchu to Chesak Bhatori Road Km 6/500 to 10/0 between RD 6/850 to 7/110)				(SH:- Formation Cutting		Estimated Cost
						Earnest Money
						Time
S No.	Description of work	Quantity	Unit	Estimated Rate		Amount
				Figure	Words	
1	Excavation in Hilly Area in all heights and depths and in all kinds of soil by manual/ mechanical means including saturated soil comprising of ordinary soil soft Rock,Hard rock, chisseling/wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required line ,grades cutting and trimming of side slopes and level as shown in the drawings and as directed by the Engineer in charge at site according to the M.O.R.D. technical specification clause 302, 304 and 1603 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unuseful material for filling in road way, camber , embankments for grade improvement and disposal of all surplus material to required width of the road or on approved dumping sites through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries ,materials , tools equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required . Recovery of stones to the tune of 205.56 cubicmetre (two hundred five point five six cubicmetre) quantity at the Rate of Rupees 300/- only (Rupees Three hundred only) per cubic metre shall be effected from the contractor's running bills on pro-rata basis as per actual quantity executed. 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 in all cases, including carriage of materials with in all leads and lifts .	3305.00	Per cubic metre			491718.00
Total						10000.00
						Three Month


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Schedule of Quantity									
Name of Work:-R/O rain snow damage on helipad road Km 0/0 to 2/500 (SH:- Construction of R/Wall with P.C.C at RD 0/105 to 0/195)									
Estimated Cost									
Earnest Money									
Time									
Three Month									
Amount									
Figure									
Estimated Rate									
Words									
Unit									
Quantity									
Per cubic metre									
Per cubic metre									
Per cubic metre									
Nos.									
Total									
✓									

S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	69.00	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation for all type of structure complete of plain concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded stone aggregate 40 mm (forty millimetre) nominal size) in or under water and curing complete and including pumping or bailing out water,dewatering,removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work complete in all respect as per drawing and technical specification clause 802.803,1202-1203 and as per the direction of the engineer-in-charge The rate including octroi,royalty, Malkana toll tax ,sale tax or other taxes imposed by the Government.	178.00	Per cubic metre			
3	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	45.00	Per cubic metre			
4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC. pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drawing face complete as per drawing and technical specification clauses 614,709, 1204.3.7 including entire carriage of materials within all leads, lifts and other incidentals. The rate including octroi,royalty, Malkana toll tax ,sale tax or other taxes imposed by the Government.	60.00	Nos.			
	Total					

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HPPWD Killar

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Schedule of Quantity						
Name of Work:- Protection work to private land from Udeen Nallah to Hillu-Towan road Km 0/0 to 6/500. (SH:- Construction of R/wall at RD 4/250 to 4/275 and B/wall RD 4/250 to 4/265)				Estimated Cost		486418.00
				Earnest Money		10000.00
				Time		Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
				Words		
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unuseful material for filling in road ways camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	131.25	Per cubic metre			
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	107.41	Per cubic metre			
3	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.28	Per cubic metre			

4	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:4:8 (one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	11.80	Per cubic metre		
5	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	115.01	Per cubic metre		
6	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702, 704, 1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	124.65	Per cubic metre		
7	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre		
Total					


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 HPPWD Killar

Schedule of Quantity						
Name of Work:-Improvement of Geometries of Link Road from Chowaki Bazar to Village Karoti Km 0/0 to 2/0 (SH:- Construction of B/Wall at RD 1/292 to 1/337)				Estimated Cost		380479.00
				Earnest Money		80000.00
				Time		Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
				Words		
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unusable material for filling in road ways camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tolls, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	200.10	Per cubic metre			
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiselling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In Charge, including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. 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 duly compensated by him in all cases .	51.60	Per cubic metre			
3	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation for all type of structure complete of plain concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded stone aggregate 40 mm (forty millimetre) nominal size) in or under water and curing complete and including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work complete in all respect as per drawing and technical specification clause 802.803, 1202-1203 and as per the direction of the engineer-in-charge The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	146.72	Per cubic metre			

4	Providing weep holes in brick masonry/stone masonry/plain or reinforced concrete abutment, wing wall, return wall with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structures with slope of 1 (v): 20(H) towards drawing face complete as per drawing and technical specification clauses 614,709, 1204.3.7 including entire carriage of materials within all leads, lifts and other incidentals. The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	55	Nos.			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

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Schedule of Quantity									
Name of Work:-Construction of Jeepable to M/able link Road from Purthi to Thandel km 0/0 to 6/500 (SH:- Construction of B/Wall at RD 6/060 to 6/090)									
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Estimated Cost	Earnest Money	
					Words	Time		Three Month	Amount
1	Excavation in hilly area in all heights and depths and in all kind of soil by mannual/mechanical means including saturated soil comprising of ordinary soil,soft rock,hard rock chiselling,wedging out of rock(where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302,1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transporation of unuseful material for filling in road wyas camber,embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transporation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries ,materials, tolls,equipments and safety measures and incidentals necessary to complete the work by mechanical means.and labour if required all 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 in all cases.The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Govenment	245.60	Per cubic metre						
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and purapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. . 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 duly compensated by him in all cases .	39.00	Per cubic metre						
3	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704,1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	224.17	Per cubic metre						

4	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	30.00	Per Running metre			
Total						


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Schedule of Quantity							Estimated Cost	446333.00
Name of Work:- C/O J/able to M/able link road from Thamloo to Ghisal Km 0/0 to 4/500 (SH:- improvement of Geometric formation deficiency between at RD 0/0 to 2/0 & E/Wall at Various RD's							Earnest Money	10000.00
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Time	Amount
					Words			
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rock, hard rock chiselling, wedging out of rock (where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transportation of unuseful material for filling in road ways camber, embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means along with its levelling fine dressing and carriage of machineries, materials, tools, equipments and safety measures and incidentals necessary to complete the work by mechanical means and labour if required all 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 in all cases. The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	740.10	Per cubic metre					
2	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702, 704, 1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	250.00	Per cubic metre					
3	Providing and laying P.C.C. M-20 copping on the top of the winw wall, return wall & Breast wall etc. complete as per drawing and technical specification clause 612, 710, 1204, 3.1(1:2:4) and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	70.00	Per Running metre					
Total								


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Schedule of Quantity								Estimated Cost	447791.00
Name of Work:- Improvement of geometrics of Khelwin road KM 0/0 to 2/0 (SH:- Formation deficiency and E/Wall at various RD's between at RD 0/0 to 2/0.)								Earnest Money	10000.00
								Time	Three Month
Description of work								Estimated Rate	Amount
S No.				Quantity	Unit	Figure	Words		
1	Excavation in hilly area in all heights and depths and in all kind of soil by mannual/mechanical means including saturated soil comprising of ordinary soil,soft rock,hard rock chiselling,wedging out of rock(where blasting is prohibited) and their intermediate classification of soild setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302,1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transporation of unuseful material for filling in road wyas camber,embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transporation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries ,materials, tolls,equipments and safety measures and incidentals necessary to complete the work by mechanical means.and labour if required all Any loss to the public private property during the course of execution shall be the absolute respensibility of the contractor which shall have to be compensated by him in all cases.The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Govenment			370.56	Per cubic metre				
2	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702,704,1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.			286.10	Per cubic metre				
3	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.			60.00	Per Running metre				
Total									0.00


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Name of Work:- In	
S No.	
1	Earth work in excavation, rock, chiseling / weathering etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In-charge, including disposal of material excavated suitable for compacted thick layers of quantum of water in Charge including other incidental absolute responsibility of the contractor which shall have to be duly compensated by him in all cases.
2	Providing and laying plain cement concrete for under water which may arise from drawings and N.O. of Engineer - in-charge, royalty, octroi, etc.

Schedule of Quantity					
Movement of Geometrics & M/T & C/D work on Thanu Chouser road Km 0/0 to 2/500 (SH:- Construction of P.C.C.V-Shape drain km 0/0 to 2/100)					
Description of work					
Figure	Unit	Quantity	Estimated Rate	Estimated Cost	498311.00
					10000.00
Figure	Unit	Quantity	Estimated Rate	Estimated Cost	Three Month Amount
	Per cubic metre	174.30			
	Per cubic metre	162.54			
Total					


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Schedule of Quantity						
Name of Work:-Construction of Link Road from Chowaki Bazar to Village Karoti Km 0/0 to 2/0 (SH:- Construction of R/Wall at RD 0/725 to 0/737)				Estimated Cost		243505.00
				Earnest Money		5000.00
				Time		Three Month
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Amount
				Words		
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . Any loss to the public / private property during the course of execution shall be the responsibility of the contractor.	36.96	Per cubic metre			
2	Providing and laying mechanically mixed and vibrated plain cement concrete in foundation for all type of structure complete of plain concrete nominal mix 1:4:8 (one cement isto four sand isto eight graded stone aggregate 40 mm (forty millimetre) nominal size) in or under water and curing complete and including pumping or bailing out water,dewatering,removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including the cost of form work complete in all respect as per drawing and technical specification clause 802.803,1202-1203 and as per the direction of the engineer-in-charge The rate including octroi,royalty, Malkana toll tax ,sale tax or other taxes imposed by the Government.	95.76	Per cubic metre			
3	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	14.40	Per cubic metre			
4	Providing and laying P.C.C. M-20 copping on the top of the winw wall,return wall & Breast wall etc.complete as per drawing and technical specification clause 612,710.1204,3.1(1:2:4)and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	36.00	Per Running metre			
Total						

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Schedule of Quantity									
Name of Work:-Improvement of Geometrics of Link Road from Chowaki Bazar to Village Karoti Km 0/0 to 2/0 (SH:- Construction of B/Wall at RD 0/630 to 0/640 and R/ Wall RD 0/640 to 0/650)									
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate		Estimated Cost	Earnest Money	
					Words	Time		Three Month	Amount
1	Excavation in hilly area in all heights and depths and in all kind of soil by manual/mechanical means including saturated soil comprising of ordinary soil,soft rock,hard rock chiselling,wedging out of rock(where blasting is prohibited) and their intermediate classification of soil setting out true to the required lines grades width cutting and trimming of side slopes and level as shown in the drawing and as directed by Engineer-in-Charge at site according to the MORD technical specification clause 302, 1603 and 1603.2 and sorting out useful materials and stacking the same in all leads and lifts in acquired width of road and transporation of unuseful material for filling in road wyas camber,embankments for grade improvements and disposal of all material to required width of the road or on approved dumping site through all modes of transportation including head load or animal transport or mechanical means alongwith its levelling fine dressing and carriage of machineries ,materials, tolls,equipments and safety measures and incidentals necessary to complete the work by mechanical means.and labour if required all 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 in all cases.The rate including octroi royalty Malkhana toll tax sale tax or other taxes imposed by the Government	79.56	Per cubic metre						469416.00
2	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer-In-Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in-Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect. 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 duly compensated by him in all cases .	36.90	Per cubic metre						10000.00
3	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concretenominal mix 1:4:8(one cement is to four sand is to eight graded crushed stone aggregate 40 millimeter (forty millimeter) nominal size in or under water and curing complete for 14(fourteen) days , in open foundations for all type of structures as in Retaining walls, Breast walls,Abutments,toe walls and the like in foundation of R/walls, B/walls etcetera including pumping or bailing out water (surface and sub soil water) dewatering for all depths and any quantum of water including removal of slush which may arise at the time of laying under water complete for all heights / depths including the cost of form work complete as per drawings and M.O.R.D. technical specification Clauses 802,803,1202 and 1203 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	6.48	Per cubic metre						

4	Providing and laying cement concrete 1:6: 12 (One cement: Six sand: Twelve graded stone aggregate 40mm (forty millimetre) nominal size) and curing complete including cost of form work in foundation and plinth, and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	4.36	Per cubic metre			
5	Random rubble masonry with hard stones of approved quality in sub structure in cement mortar 1:6 (one cement is to six sand) for structure like retaining walls, breast walls, wing walls, toe walls, abutment and similar works etcetera, in all heights/depths in or under water including pumping or bailing out water (surface and sub soil water) / dewatering, removal of slushies, which may arise at the time of masonry work under water complete including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	122.54	Per cubic metre			
6	Random course rubble dry stone masonry with hard stone of approved quality in sub structure for structure like retaining walls, breast walls etcetra in all heights/depths as per MORD technical specification clause 702, 704, 1606.5 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	127.95	Per cubic metre			
7	Providing and laying P.C.C. M-20 copping on the top of the winw wall, return wall & Breast wall etc. complete as per drawing and technical specification clause 612, 710, 1204, 3.1(1:2:4) and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	41.00	Per Running metre			
Total						


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Schedule of Quantity						
Name of Work:-imp. Of geo curve from Killar to Hudan Bhatari road Km 0/0 to 14/600 (SH:- Construction of R/Wall in wire crate at RD 1/200 to 1/240.80)						
S No.	Description of work	Quantity	Unit	Figure	Estimated Rate	Estimated Cost
				Words	Amount	Three Month
1	Earth work in excavation for structure and in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling /wedging out rocks (Where blasting is prohibited) for retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and M.O.R.D. technical specification clause 305.1 and as per direction of the Engineer- In - Charge, including setting out, construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimeters) compacted thickness including pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering. and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect . 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 duly compensated by him in all cases .	122.26	Per cubic metre			499779.00
2	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS :280 and IS; 4826 in 100mm X100mm mesh including 10 percent extra for laps and joints laid with stone boulders weight not less than 25kg. each as per drawing and technical specification clause 1301. as per direction of the Engineer-in-charge including carriage of materials within all leads and lifts and other incidentals. The rate including octroi, royalty, Malkana toll tax, sale tax or other taxes imposed by the Government.	318.65	Per cubic metre			10000.00
3	Back filling with granular material behind abutments, wing walls, return walls complete as per drawing and M.O.R.D. technical specification clause 1204.3.8 and as per directions of Engineer - in- Charge including hauling /carriage of materials to various location through all modes of transportation all leads, lifts and other incidental complete in all respect.	40.29	Per cubic metre			
Total						


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