

CERTIFICATE

It is certified that the tender as called and opened on dated 05.06.2022 vide NIT No.PW-KD-DB/Tender/2022-23/ 2019-2028 dated. 21.05.2022 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 Administrative Resident Commissioner Pangi at Killar has desired to open all the road for vehicular traffic the month of June, 2022 in public interest. Hence, above are tender are invited vide principal Secretary (PW) to the Govt. of Himachal Pradesh Endst. No PBW(B)/A(3)/1/2022 dated 16 July, 2021 due to urgency and emergent nature.


Executive Engineer
Killar Division HP,PWD
Killar (Pangi)

Himachal Pradesh
Public Works Department

No. PW.KD.DB/ Tender/2022-23 2016-18

Dated : 21/05/2022

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.

asep
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:-

- | | |
|---|--------------------------|
| 5. Date of receipt of Applications for tender forms:- | 28.05.2022 upto 3:00 PM |
| 6. Date issue/sale of Tender forms:- | 04.06.2022 upto 5:00 PM |
| 7. Date of receipt of Tender :- | 05.06.2022 upto 11:00 AM |
| 8. Date of opening of Tender:- | 05.06.2022 upto 11:30 AM |

Sr. No.	Name of Work	Estimated cost	Earnest Money	Cost of form (RS)	Time period for completion	Form No.	Eligibility of contractors
1	C/O 48.77 mtrs span bailey bridge over river chander bhaga on killar to changli road (SH:- C/O both side approach slab, dirt wall, W BBM G-III, C.C. pavement & perapets etc.	487414/-	10,000/	350/-	Three Months		Class "C" & "D" enlisted in HPPWD
2	C/O 48.77 mtrs span bailey bridge over river chander bhaga on killar to changli road (SH:- C/O both side approach slab, dirt wall, W BBM G-III, C.C. pavement & perapets etc.	487414/-	10,000/	350/-	Three Months	6&8	-do-
3	C/O 48.77 mtrs span bailey bridge over river chander bhaga on killar to changli road (SH:- C/O both side approach slab, dirt wall, W BBM G-III, C.C. pavement & perapets etc.	487414/-	10,000/	350/-	Three Months	6&8	-do-
4	C/O M/able link road village changli Punto road Km 0/0 to 2/235 (Sh:- C/O R/Wall at RD 0/398.50 to 0/410.50, C/O B/Wall at RD 0/398.50 to 0/410.50, 0/410.50 to 0/423.50, 0/434 to 0/439 & 0/531 to 0/535.	4940005/-	10,000/	350/-	Three Months	6&8	-do-
5	C/O link road from Seri Bhatwas road to Village parmas Km 0/0 to 2/0 (SH:- C/O R/Wall at RD 0/425 to 0/476.80.)	495742/-	10,000/	350/-	Three Months	6&8	-do-
6	C/O M/able link road village changli Punto road Km 0/0 to 2/235 (SH:- C/O R/Wall in CM 1:6 at RD 0/436 to 0/453, 0/933.50 to 0/945 & 0/121.50 to 0/128.50.	495570/-	10,000/	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 foe 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 /2022-23-2019-2028

DATED: 21/05/2022

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)

Job - 1

Schedule of Quantity						
Name of Work:- C/O 48.77 mtrs span bailey bridge over river chander bhaga on kallar to Changli road (SH:- C/O both side approaches slab, dirt wall, WBM G-III, C.C pavement & parapets etc. (Part-I)						
S N	Description of work	Quantity	Unit	Estimated Rate		Estimated Cost
				Figure	Words	
						487414.00
						10000.00
						Two Month
						Amount
1	Random rubble masonry uncoursed/brought to courses 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, abutments 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 including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and to the entire satisfaction/direction of Engineer - in- Charge including hauling /carriage of materials to various locations through all modes of transportation all leads, lifts and other incidental complete in all respect. The rates are inclusive GST and other taxes to be imposed by the Government.	45.00	Per cubic metre			
2	Providing and laying P.C.C. M-20 copping on the top of the wing 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. The rates are inclusive GST and other taxes to be imposed by the Government.	50.00	Per running metre			
3	Back filling with granular material behind abutment wing wall and return wall and retaining/ breast walls, complete as per drawing and M.O.R.D. technical specifications clause 1604.7 and section 300, as per direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidental. The rates are inclusive GST and other taxes to be imposed by the Government.	231.10	Per cubic metre			
4	Stone soling properly hand packed filling interstices with Kharanja stone and consolidating with three wheel 80-100 (eighty -one hundred) KN static roller capacity to achieve the desired density, required gradient and camber including spreading, watering and rolling of hiding materials moorum or earth etc. compaction with complete as per Technical Specifications contained in para 2.2, 3.6 and 3.7 of IRC- SP-77 -2008 including hauling/ carriage of materials to various location through all modes of transportation all leads, lifts and other incidental and as per direction of Engineer-In-Charge. The rate including of GST, or other taxes imposed by the	2.10	Per Cubic Metre			

5	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:6:12 (one cement is to six sand is to twelve graded crushed stone aggregate 20mm 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. The rate including of octroi, royalty, Malkana, tolltax, Sale Tax or other taxes imposed by the government.	2.10	Per Cubic Metre		
6	Providing and laying cement concrete 1:2:4 (one cement : Two sand : four graded stone aggregate 20mm nominal size) including mechanically mixed and vibrating (M-20 Grade) excluding the cost of form work and reinforcement cement concrete in super structure complete as per HPPWD specifications, approved Drawing, design, as per the entire satisfaction and direction of Engineer in charge including hauling carriage of materials to various location through all modes of transportation within all leads, lifts and other incidental complete in all respect. The rate inclusive of GST, octroi, royalty, Malkana and all type of taxes imposed by the government.	1.75	Per Cubic metre		
7	Providing and laying mechanically mixed and vibrated reinforced cement concrete in Super structure for all types of structure cement concrete using grade M-25 (M Twenty five) design mix with cement contents not less than 400 kg (Four hundred kilograms) per cubic meter with 20 mm (Twenty millimeter) nominal size graded crushed/ broken stone aggregate as per drawings and M.O.R.D. technical specifications section 800 and 1400 and curing complete including cost of form work but excluding the cost of reinforcement for reinforced concrete work in (Deck slab) including carriage of materials within all leads and lifts and other incidents. The rate including of octroi, royalty, Malkana, tolltax, Sale tax or other taxes imposed by the government.	0.00	Per Cubic Metre		
8	Supplying, fitting and placing HYSD bar reinforcement (Fe-415) in super-structure complete as per drawing and M.O.R.D. technical specifications section 1000 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire and cost of dewatering during placement of reinforcement wherever required complete as per the direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidental . The rate including of GST, or other taxes imposed by the government.	0.25	tonne		
9	Providing and laying mechanically mixed and vibrated plain cement concrete in Sub structure for all types of structure complete using plain cement concrete grade M-15 (M Fifteen) grade design mix with cement contents not less than 275 kg (Two hundred seventy five kilogram) per cubic metre, as per drawing and M.O.R.D. technical specification section 800, 900 and 1200 with curing complete including pumping or bailing out water ,dewatering and removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including cost of form work in abutments complete as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and entire satisfaction of the Engineer-in-Charge .The rate including of GST, or other taxes imposed by the government.	18.35	Per cubic Metre		

10	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. including hauling/ carriage of materials to various location through all modes of transportation all leads, lifts and other incidental and as per direction of Engineer-In-Charge.	30.17	Per Cubic Metre			
11	Providing and laying mechanically mixed and vibrated plain cement concrete in open foundation using plain cement concrete of Grade M-20 (M-Twenty) nominal mix with cement contents not less than of 330 kgs (Three hundred thirty kilograms) per cubic meter with 20 mm (Twenty Millimeters) nominal size graded crushed/ broken stone aggregate and curing complete including the cost of form work complete in flooring as per drawings and M.O.R.D. technical specifications section 800 & 1400 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals . The rate including of GST, or other taxes imposed by the government.	45.11	Per Cubic Metre			


 Executive Engineer
 Killar Division
 HPPWD Killar

Job-2

Schedule of Quantity

Name of Work:- C/O 48, 77 mtrs span bailey bridge over river chander bhaga on kallar to Changli road (SH:- C/O both side approaches slab, dirt wall, WBM G-III, C.C pavement & parapets etc. (Part-II)		Estimated Cost		Estimated Cost	
		Earnest Money		Time	
		Figure		Estimated Rate	
		Unit		Words	
Description of work		Quantity	Unit	Figure	Amount
1	Random rubble masonry uncoursed/brought to courses 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, abutments 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 including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and to the entire satisfaction/direction of Engineer - in- Charge including hauling /carriage of materials to various locations through all modes of transportation all leads, lifts and other incidental complete in all respect. The rates are inclusive GST and other taxes to be imposed by the Government.	45.00	Per cubic metre		
2	Providing and laying P.C.C. M-20 copping on the top of the wing 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. The rates are inclusive GST and other taxes to be imposed by the Government.	50.00	Per running metre		
3	Back filling with granular material behind abutment wing wall and return wall and retaining/ breast walls, complete as per drawing and M.O.R.D. technical specifications clause 1604.7 and section 300, as per direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidental. The rates are inclusive GST and other taxes to be imposed by the Government.	231.10	Per cubic metre		
4	Stone soling properly hand packed filling interstices with Kharanja stone and consolidating with three wheel 80-100 (eighty -one hundred) KN static roller capacity to achieve the desired density, required gradient and camber including spreading, watering and rolling of hiding materials moorum or earth etc. compaction with complete as per Technical Specifications contained in para 2.2, 3.6 and 3.7 of IRC- SP-77 -2008 including hauling/ carriage of materials to various location through all modes of transportation all leads, lifts and other incidental and as per direction of Engineer-In-Charge. The rate including of GST, or other taxes imposed by the	2.10	Per Cubic Metre		

487414.00

10000.00

Two Month

Amount

5	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:6:12 (one cement is to six sand is to twelve graded crushed stone aggregate 20mm nominal size for all type of structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation for all depths and any 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 Clause 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. The rate including of octroi, royalty, Malkana, tolltax, Sale Tax or other taxes imposed by the government.	2.10	Per Cubic Metre		
6	Providing and laying cement concrete 1:2:4 (one cement : Two sand : four graded stone aggregate 20mm nominal size) including mechanically mixed and vibrating (M-20 Grade) excluding the cost of form work and reinforcement cement concrete in super structure complete as per HPPWD specifications, approved Drawing, design, as per the entire satisfaction and direction of Engineer in charge including hauling carriage of materials to various location through all modes of transportation within all leads, lifts and other incidental complete in all respect. The rate inclusive of GST, octroi, royalty, malkana and all type of taxes imposed by the government.	1.75	Per Cubic metre		
7	Providing and laying mechanically mixed and vibrated reinforced cement concrete in Super structure for all types of structure cement concrete using grade M-25 (M Twenty five) design mix with cement contents not less than 400 kg (Four hundred kilograms) per cubic meter with 20 mm (Twenty millimeter) nominal size graded crushed/ broken stone aggregate as per drawings and M.O.R.D. technical specifications section 800 and 1400 and curing complete including cost of form work but excluding the cost of reinforcement for reinforced concrete work in (Deck slab) including carriage of materials within all leads and lifts and other incidents. The rate including of octroi, royalty, Malkana, tolltax, Sale tax or other taxes imposed by the government.	0.00	Per Cubic Metre		
8	Supplying, fitting and placing HYSD bar reinforcement (Fe-415) in super-structure complete as per drawing and M.O.R.D. technical specifications section 1000 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire and cost of dewatering during placement of reinforcement wherever required complete as per the direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidental . The rate including of GST, or other taxes imposed by the government.	0.25	tonne		
9	Providing and laying mechanically mixed and vibrated plain cement concrete in Sub structure for all types of structure complete using plain cement concrete grade M-15 (M Fifteen) grade design mix with cement contents not less than 275 kg (Two hundred seventy five kilograms) per cubic metre, as per drawing and M.O.R.D. technical specification section 800, 900 and 1200 with curing complete including pumping or bailing out water ,dewatering and removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including cost of form work in abutments complete as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and entire satisfaction of the Engineer-in-Charge .The rate including of GST, or other taxes imposed by the government.	18.35	Per cubic Metre		

10	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. including hauling/ carriage of materials to various location through all modes of transportation all leads, lifts and other incidental and as per direction of Engineer-In-Charge.	30.17	Per Cubic Metre			
11	Providing and laying mechanically mixed and vibrated plain cement concrete in open foundation using plain cement concrete of Grade M-20 (M-Twenty) nominal mix with cement contents not less than of 330 kgs (Three hundred thirty kilograms) per cubic meter with 20 mm (Twenty Millimeters) nominal size graded crushed/ broken stone aggregate and curing complete including the cost of form work complete in flooring as per drawings and M.O.R.D. technical specifications section 800 & 1400 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals. The rate including of GST, or other taxes imposed by the government.	45.11	Per Cubic Metre			


 Executive Engineer
 Killar Division
 HPPWD Killar

Job-3

Schedule of Quantity									
Name of Work:- C/O 48.77 mtrs span bailey bridge over river chander bhaga on kollar to Changli road (SH:- C/O both side approaches slab, dirt wall, WBM G-III, C.C pavement & parapets etc. (Part-III))									
Description of work									
S N	Description of work	Quantity	Unit	Estimated Rate		Estimated Cost	487414.00	Earnest Money	10000.00
				Figure	Words				
1	Random rubble masonry uncoursed/brought to courses 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, abutments 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 including curing complete as per drawing and technical specification clause 702, 704, 1202 and 1204 and to the entire satisfaction/direction of Engineer - in- Charge including hauling /carriage of materials to various locations through all modes of transportation all leads, lifts and other incidental complete in all respect. The rates are inclusive GST and other taxes to be imposed by the Government.	45.00	Per cubic metre						
2	Providing and laying P.C.C. M-20 copping on the top of the wing 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. The rates are inclusive GST and other taxes to be imposed by the Government.	50.00	Per running metre						
3	Back filling with granular material behind abutment wing wall and return wall and retaining/ breast walls, complete as per drawing and M.O.R.D. technical specifications clause 1604.7 and section 300, as per direction of Engineer in Charge including carriage of materials with in all leads, lifts and other incidental. The rates are inclusive GST and other taxes to be imposed by the Government.	231.10	Per cubic metre						
4	Stone soling properly hand packed filling interstices with Kharanja some and consolidating with three wheel 80-100 (eighty -one hundred) KN static roller capacity to achieve the desired density, required gradient and camber including spreading, watering and rolling of hiding materials moorum or earth etc. compaction with complete as per Technical Specifications contained in para 2.2, 3.6 and 3.7 of IRC- SP-77 -2008 including hauling/ carriage of materials to various location through all modes of transportation all leads, lifts and other incidental and as per direction of Engineer-In-Charge. The rate including of GST, or other taxes imposed by the	2.10	Per Cubic Metre						

5	Providing and laying Mechanically mixed and vibrated concrete for plain / reinforced concrete nominal mix 1:6:12 (one cement is to six sand is to twelve graded crushed stone aggregate 20mm nominal size) for all type of nominal size in or under water and curing complete for 14 (fourteen) days, in open foundations of R/walls, B/walls structures as in Retaining walls, Breast walls, Abutments, toe walls and the like in foundation for all depths and any 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 Clause 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. The rate including of octroi, royalty, Malkana, tolltax, Sale Tax or other taxes imposed by the government.	2.10	Per Cubic Metre			
6	Providing and laying cement concrete 1:2:4 (one cement : Two sand : four graded stone aggregate 20mm nominal size) including mechanically mixed and vibrating (M-20 Grade) excluding the cost of form work and reinforcement cement concrete in super structure complete as per HPPWD specifications, approved Drawing, design, as per the entire satisfaction and direction of Engineer in charge including hauling carriage of materials to various location through all modes of transportation within all leads, lifts and other incidental complete in all respect. The rate inclusive of GST, octroi, royalty, Malkana and all type of taxes imposed by the Govt.	1.75	Per Cubic metre			
7	Providing and laying mechanically mixed and vibrated reinforced cement concrete in Super structure for all types of structure cement concrete using grade M-25 (M Twenty five) design mix with cement contents not less than 400 kg (Four hundred kilograms) per cubic meter with 20 mm (Twenty millimeter) nominal size graded crushed/ broken stone aggregate as per drawings and M.O.R.D. technical specifications section 800 and 1400 and curing complete including cost of form work but excluding the cost of reinforcement for reinforced concrete work in (Deck slab) including carriage of materials within all leads and lifts and other incidents. The rate including of octroi, royalty, Malkana, tolltax, Sale tax or other taxes imposed by the government.	0.00	Per Cubic Metre			
8	Supplying, fitting and placing HYSD bar reinforcement (Fe-415) in super-structure complete as per drawing and M.O.R.D. technical specifications section 1000 including cutting, bending, binding and placing in position complete in all respect including cost of binding wire and cost of dewatering during placement of reinforcement wherever required complete as per the direction of Engineer-in-Charge including carriage of materials with in all leads, lifts and other incidental . The rate including of GST, or other taxes imposed by the government.	0.25	tonne			

9	Providing and laying mechanically mixed and vibrated plain cement concrete in Sub structure for all types of structure complete using plain cement concrete grade M-15 (M Fifteen) grade design mix with cement contents not less than 275 kg (Two hundred seventy five kilogram) per cubic metre, as per drawing and M.O.R.D. technical specification section 800, 900 and 1200 with curing complete including pumping or bailing out water, dewatering and removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths including cost of form work in abutments complete as per the directions of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals and entire satisfaction of the Engineer-in-Charge. The rate including of GST, or other taxes imposed by the government.	18.35	Per cubic Metre			
10	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405, including hauling/ carriage of materials to various location through all modes of transportation all leads, lifts and other incidental and as per direction of Engineer-In-Charge.	30.17	Per Cubic Metre			
11	Providing and laying mechanically mixed and vibrated plain cement concrete in open foundation using plain cement concrete of Grade M-20 (M-Twenty) nominal mix with cement contents not less than of 330 kgs (Three hundred thirty kilograms) per cubic meter with 20 mm (Twenty Millimeters) nominal size graded crushed/broken stone aggregate and curing complete including the cost of form work complete in flooring as per drawings and M.O.R.D. technical specifications section 800 & 1400 and as per the direction of Engineer-in-Charge including carriage of material within all leads and lifts and other incidentals. The rate including of GST, or other taxes imposed by the government.	45.11	Per Cubic Metre			


 Executive Engineer
 Kallar Division
 HPPWD Kallar

Job-4

Schedule of Quantity						Estimated Cost	494005.00
Name of Work:- C/O M/able link road Village Changli Puntto Km 0/0 to 2/235 (SH:- Construction of R/Wall at RD 0/398.50 to 0/410.50, C/O B/Wall at RD 0/398.50 to 0/410.50, 0/410.50 to 0/423.50, 0/434 to 0/439 & 0/531 to 0/535.						Earnest Money	10000.00
Description of work						Time	Three Month
S	N	Description of work	Quantit y	Unit	Figure	Estimated Rate	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 solid 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, 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	153.05	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	65.08	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.	3.85	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.	215.89	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.	10.08	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.	46.00	Per Running metre			
Total						


 Executive Engineer
 Killar Division
 HPPWD Killar

Job-5

Schedule of Quantity					Estimated Cost	495743.00
Name of Work:- C/O link road from Seri Bhatwas road to Village parmas Km 0/0 to 2/0 (SH:- C/O R/Wall at RD 0/425 to 0/476.80.)					Earnest Money Time	10000.00 Three Month
S N	Description of work	Quantit	Unit	Figure	Estimated Rate	Amount
		y			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 .	125.98	Per cubic metre			
2	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.	19.68	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.	198.92	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.	38.85	Per cubic metre			
Total						



 Osh Engineering

 Executive Engineer

 Public Works Department

 Government of Karnataka

 Bangalore

July-6

Schedule of Quantity					Estimated Cost	495570.00
Name of Work:- C/O M/able link road village changli Pundo road Km 0/0 to 2/235 (SH:- C/O R/Wall in CM 1:6 at RD 0/436 to 0/453, 0/933.50 to 0/945 & 0/121.50 to 0/128.50.					Earnest Money	10000.00
Description of work					Time	Three Month
S	N	Description of work	Quantity	Unit	Estimated Rate	Amount
					Figure	Words
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	133.73	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.	12.70	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.	204.90	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.	38.66	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.	36.20	Per Running metre		

Executive Engineer
Killar Division
HPPWD Killar