

HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

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

1. Date of receipt of applications for the tender

Form a/w requisite documents: -

10.12.2021 upto 5.00 PM.

3 Date of issue /sale of tender forms against

Cash payment (Non-refundable):-

13.12.2021 upto 4.00 PM.

3. Date of receipt of tenders: -

14.12.2021 upto 10.30 AM.

5. Date of opening of tenders: -

14.12.2021 at 11.00 AM.

| Sr.No. | Name of Work | Estimated Cost | EMD | Time Limit | Cost of Tender | Eligible class of Contractor |
|--------|--|----------------|-------|------------|----------------|------------------------------|
| 1 | C/o & M/T of link road to village Balh Rehre km. 0/0 to 1/220 (SH: P/L GSB, WMM & M/T in km. 0/420 to 0/764) | 499988 | 10000 | Two months | 350/- | Class-D |
| 2 | C/o & M/T of link road from Bohru Ramp to Dub km. 0/0 to 5/0 (SH: P/L Cement concrete Pavement in km. 0/420 to 0/599) | 499039 | 10000 | Two months | 350/- | Class-D |
| 3 | C/o & M/T of lin road from UAM road to Abbadi Ghangret via Kanguwala Baba km. 0/0 to 0/125 & 0/660 to 1/0) | 448995 | 10000 | Two months | 350/- | Class-D |
| 4 | A/R & M/O UAM road tkm. 19/0 to 39/700 (SH: Providing and Fixing M-3 Cat eye in km. 20/0 to 22/0) | 219075 | 4500 | One month | 350/- | Class-D |
| 5 | A/R & M/O UAM road tkm. 19/0 to 39/700 (SH: Providing and Fixing M-3 Cat eye in km. 24/0 to 26/0) | 218500 | 4500 | One month | 350/- | Class-D |
| 6 | A/R & M/O UAM road tkm. 0/0 to 39/700 (SH: Providing and Fixing M-3 Cat eye in km. 14/0 to 16/0 & 17/0 to 18/0) | 307050 | 6500 | One month | 350/- | Class-D |
| 7 | A/R & M/O UAM road tkm. 19/0 to 39/700 (SH: Providing and laying of hot applied thermoplastic comound in km. 20/0 to 22/0) | 240480 | 5000 | One month | 350/- | Class-D |
| 8 | A/R & M/O UAM road tkm. 19/0 to 39/700 (SH: Providing and laying of hot applied thermoplastic comound in km. 24/0 to 26/0) | 240480 | 5000 | One month | 350/- | Class-D |
| 9 | A/R & M/O UAM road tkm. 0/0 to 39/700 (SH: Providing and laying of hot applied thermoplastic comound in km. 14/0 to 16 /0 & 17/0 to 18/0) | 301602 | 6100 | Two months | 350/- | Class-D |
| 10 | Improvement of road regarding road safety of various road under Bangana Sub-Division (SH: Supply and stacking Dual direction delenator) | 201300 | 4100 | Two months | 350/- | Class-D |
| 11 | A/R & M/O UAM road km. 19/0 to 39/700 (SH: Supplying and fixing of retro-reflectorised traffic signs cautionary, mandatory speed limit and informatory | 333300 | 7000 | Two months | 350/- | Class-D |

| | | | | | | |
|----|--|--------|-------|------------|-------|---------|
| | board 19/0 TO 39/700) | | | | | |
| 12 | A/R & M/O UAM road km. 0/0 to 39/700 (SH: Supplying and fixing of retro-reflectorised traffic signs cautionary, mandatory speed limit and informatory board 0/0 TO 19/0) | 344410 | 7000 | Two months | 350/- | Class-D |
| 13 | A/R & M/O link road to village Dangoli km. 0/0 to 2/0 (SH: C/o Retaining wall at RD 1/865 to 1/885 & 1/915 to 1/965) | 410526 | 8300 | Two months | 350/- | Class-D |
| 14 | A/R & M/O Hatli Talpi road km. 0/0 to 7/635 (SH: C/o B/wall in km. 5/200 to 5/244, 5/300 to 5/319 & 5/319 to 5/330) | 499931 | 10000 | Two Months | 350/- | Class-D |

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

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

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

SPECIAL CONDITION:-

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

Executive Engineer
Bangana Division
HPPWD Bangana.

No.PW/BGN/CB/T-1/2020-21- **9912-30**

dated **02.12.2021**

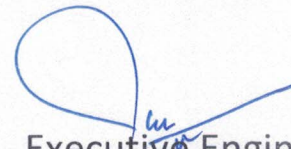
Cop forwarded to the following for information and necessary action:-

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

Executive Engineer,
Bangana Division,
HPPWD Bangana.

Certificate

Certified that the tenders called vide this office letter No. PW/BGN/CB/T-1/2020-21-9912-30 dated 02.12.2021 is emergent nature and in public interest.



Executive Engineer,
HPPWD Division
Bangalore.


①

Schedule of Quantity

| Name of Work:- C/O& M/T of Link road to Village Balh Rehre km. 0/000 to 1/220 (P/L GSB, WMM & M/T in km. 0/420 to 0/764) | | | | | | | | | |
|--|--|--|--|------------|------------------|---------------------------|-------|--|---------|
| Sr. No. | | Description of work | | No.or Qty. | Unit | RATE in Figures and words | | Estimated Cost: Earnest Money: Time Limit: | AMO Rs. |
| | | | | | | Figures | Words | | |
| 1 | | Loosening of the ground upto a level of 300mm below the subgrade level, watered graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as per MORC per technical Specification Clause 303.5.2 including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax and goods service tax, labour cess or other taxes imposed by the Government.. | | 299.62 | Per Cubic Metre | | | | |
| 2 | | Preparation of sub grade by dressing to camber (earth work for the cutting involved for sub grade to be paid for separately depending upon the classification of soil. directed by the Engineer- in- Charge. as per the entire satisfaction and direction of Engineer – in- Charge, including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | | 1210.02 | Per Square metre | | | | |
| 3 | | Consolidating sub grade with power road roller 80 to 100 (Eighty to hundred) K.N static weight power road roller to required gradient. Super elevation, camber and spreading then dry rolling with binding material i.e. moorum earth etcetera as directed by the Engineer- in- Charge.as per the entire satisfaction and direction of Engineer – in- Charge, including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | | 1210.02 | Per Square metre | | | | |
| 4 | | Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.For Grading I Material including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge, including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | | 181.50 | Per Cubic Metre | | | | |

| | | | | | | |
|---|--|---------|------------------|--|--|--|
| 5 | Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406. including carriage of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government | 137.71 | Per Cubic Metre | | | |
| 6 | Providing and applying primer coat with BITUMEN emulsion SS-1 on the prepared surface of granular base including cleaning of road surface with hydraulic brooms and spraying primer @ 0.70kg-1.00 kg (zero decimal seven zero kilogram to one decimal zero kilogram) per square metre using mechanical means as per M.O.R.D. technical specifications clause 502 including carriage of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1101.66 | Per Square metre | | | |
| 7 | Providing and applying tack coat with BITUMEN emulsion RS-1 using emulsion distributor at the rate of 0.25 to 0.30kg (zero decimal two five to zero decimal three zero kilogram) per square metre on the prepared granular surface treated with primer and cleaned with hydraulic broom as per M.O.R.D. technical specifications clause 503 including carriage of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1101.66 | Per Square metre | | | |
| 8 | Providing, laying and rolling of open graded premix carpet of 20mm (twenty millimeter) compacted thickness, composed of crushed stone aggregate 13.2mm (thirteen decimal two millimetre) to 5.6mm (five decimal six millimetre aggregate at rate of 0.27 cum (zero point two seven cubic metres), mixed with Bitumen VG-30 at the rate 1.46 Kg (one point four six kilograme) per square metres of road surface to required line grade and level to serve as wearing course on a previously prepared base, including mixing and heating binder and aggregate in Hot Mix Plant 30/40 (Thirty/ Forty) Tonne per hour capacity, transporting mixed material with tipper and laying manually to the required grade and camber and rolling with a three Wheel 80-100 (Eighty-hundred) kN static road roller, finished to required level and grades to be followed by a seal coat as per M.O.R.D. technical specifications clause 508 by manual means, including carriage of materials in all leads, lifts and other incidentals and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1101.66 | Per Square metre | | | |

| | | | | | | | |
|------------------|--|---------|------------------|--|--|--|--|
| 9 | Providing and laying seal coat for sealing the voids in a bituminous surface laid to specified level grade and cross fall using type-B as per technical specification clause 510 using BITUMEN V G - 30 at the rate of 0.68 kg (zero point six eight kilogramme) premixed with 0.006 (zero point zero-zero six) cubic metre of fine aggregate per Sqm. (square metre) heated in mini hot mix plant and laying mechanically of mixed material and rolling with power road roller 8-10 (eight to ten) tonne capacity including carriage of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1101.66 | Per Square metre | | | | |
| Total in Figures | | | | | | | |


 Executive Engineer,
 Bangana Division,
 HPPWD, Bangana

9

Schedule of Quantity

Name of Work:- C/O& M/T of Link road from Bohru to Dub km. 0/000 to 5/000(SH:- P/L Cement Concrete Pavement in km. 0/420 to 0/599)

Estimated Cost: 499039.
Earnest Money: 10000.00
Time Limit: Two m

| Sr. No. | Description of work | No. or Qty. | Unit | RATE in Figures and words | | AMO Rs. |
|------------------|--|-------------|-----------------|---------------------------|-------|---------|
| | | | | Figures | Words | |
| 1 | Loosening of the ground upto a level of 300mm below the subgrade level, watered graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as MORD per technical Specification Clause 303.5.2 including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.. | 149.91 | Per Cubic Metre | | | |
| 2 | Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. For Grading I Material including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer-in-Charge, including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 59.97 | Per Cubic Metre | | | |
| 3 | Providing and laying cement concrete work 1:4:8 (one cement: four sand: eight graded stone aggregate) 40mm (forty millimetre) nominal size in open foundation mechanically mixed and vibrated including curing complete, including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification Clause 802.803,1202 and 1203 as per the direction of the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 59.97 | Per Cubic Metre | | | |
| 4 | Providing and laying mechanically mixed and vibrated reinforced cement concrete of nominal mix 1 : 2 : 4 {one cement : two sand : four graded crushed stone aggregate 20mm (twenty millimetres)} nominal size grade M-20 (M-twenty) in open foundation and curing complete, including pumping or bailing out water, dewatering removal of slush as required at site which may arise at the time of laying under water complete for all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specifications Clause 802.803,1202 and 1203 as per the direction of the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 89.95 | Per Cubic Metre | | | |
| Total in Figures | | | | | | |

Executive Engineer,
Bangana Division,
HPWD, Bangana

3

Schedule of Quantity

| Name of Work:- C/O & MT of Link road from UAM Road to Abadi Changret via Kanguwal Baba km. 0/000 to 2/000(SH:- P/L GSB, WMM in km. 0/000 to 0/125 & 0/660 to 1/000) | | | | | | Estimated Cost:- | |
|--|--|------------|-----------------|-----------------|-------|------------------|----------|
| | | | | | | Earnest Money:- | 448995. |
| | | | | | | Time Limit:- | 10000.00 |
| | | | | | | Two m | |
| Sr. No. | Description of work | No.or Qty. | Unit | RATE in Figures | Words | AMO Rs. | |
| 1 | Loosening of the ground upto a level of 300mm below the subgrade level, watered graded and compacted in layers to meet requirement of Tables 300.1 and 300.2 for subgrade construction as MORD per technical Specification Clause 303.5.2 including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government.. | 562.28 | Per Cubic Metre | | | | |
| 2 | Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. For Grading I Material including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer - in- Charge, including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 281.14 | Per Cubic Metre | | | | |
| 3 | Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406, including carriage of materials in all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government | 252.20 | Per Cubic Metre | | | | |
| Total in Figures | | | | | | | |

Executive Engineer,
Bangana Division,
HPPWD, Bangana


Schedule of Quantity

Name of Work:- A/R & M/O UAM Road km. 19/000 to 39/700 (SH:-
Providing and Fixing M-3 cat eye in km. 20/000 to 22/000)

Estimated Cost: 2,19,075/-
Earnest Money: 45,000/-

Time Limit: One month

| Sr. No. | Description of work | No. or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|---|----------------|------|---------------------------|-------|-----------------|
| | | | | Figures | Words | |
| 1 | Providing and fixing Dual Direction Reflective Cat Eye with Double Barial Sanks of Impact resistant ABS PLASTIC STUD 100X90X16MM Ultra Violet, resistant Yellow/ Red Colour havinf micro persmatic / Cube corner reflectors suitable for fixing with epoxy / Bitumen adseive make M-3, including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1905-00 | Each | | | |
| Total in Figures | | | | | | |


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

4

5

Schedule of Quantity

Name of Work:- A/R & M/O UAM Road km. 19/000 to 39/700 (SH:-
Providing and Fixing M-3 cat eye in km. 24/000 to 26/000)

Estimated Cost: 218500 -

Earnest Money: 4500 -

Time Limit: One month

| Sr. No. | Description of work | No.or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|--|---------------|------|---------------------------|-------|-----------------|
| | | | | Figures | Words | |
| 1 | Providing and fixing Dual Direction Reflective Cat Eye with Double Barial Sanks of Impact resistant ABS PLASTIC STUD 100X90X16MM Ultra Violet , resistant Yellow/ Red Colour havinf micro permatic / Cube corner reflectors suitable for fixing with epoxy / Bitumen adseive make M-3 , including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1900 | Each | | | |
| Total in Figures | | | | | | |

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

6

Schedule of Quantity

Name of Work:- A/R & M/O UAM Road km. 00/000 to 39/700 (SH:-
Providing and Fixing M-3 cat eye in km. 14/000 to .16/000) 217/10 to 18/50

Estimated Cost: 307050-00
Earnest Money: 65000-00

Time Limit: One month

| Sr. No. | Description of work | No. or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|---|-------------|------|---------------------------|-------|--------------|
| | | | | Figures | Words | |
| 1 | Providing and fixing Dual Direction Reflective Cat Eye with Double Barrial Sanks of Impact resistant ABS PLASTIC STUD 100X90X16MM Ultra Violet , resistant Yellow/ Red Colour havinf micro permatic / Cube corner reffectors suitable for fixing with epoxy / Bitumen adseive make M-3 , including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 2670 | Each | | | |
| Total in Figures | | | | | | |

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

7

Schedule of Quantity

Name of Work :- A/R & M/O UAM Road km. 19/000 to 39/700 (SH:- Providing and laying of hot applied thermoplastic compound in km ~~20~~/000 to ~~22~~/000)

Estimated Cost: 2 40 480 - 00

Earnest Money: 5 00 00 - 00

Time Limit:

Two month

| Sr. No. | Description of work | No.or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|---|------------|------------------|---------------------------|-------|--------------|
| | | | | Figures | Words | |
| 1.00 | Providing and laying of hot applied thermoplastic compound 2.5 mm (two point five millimetre)thick including reflectorising glass beads @ 250 gms (at the rate of two hundred fifty gram per square metre)per sqm area, thickness of 2.5 mm(two point five millimetre) is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.including carriage of material within all leads and lifts The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government. | 480 | Per Square Meter | | | |
| Total in Figures | | | | | | |

Executive Engineer
Banganga Division
P.P.W.D.Banganga


8

Schedule of Quantity

Name of Work :- A/R & M/O UAM Road km. 19/000 to 39/700 (SH:- Providing and laying of hot applied thermoplastic compound in km. 24/000 to 26/000)

Estimated Cost: 2 40 480 - 00
 Earnest Money: 5000 - 00
 Time Limit: Two month

| Sr. No. | Description of work | No. or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|---|-------------|------------------|---------------------------|-------|--------------|
| | | | | Figures | Words | |
| 1.00 | Providing and laying of hot applied thermoplastic compound 2.5 mm (two point five millimetre) thick including reflectorising glass beads @ 250 gms (at the rate of two hundred fifty gram per square metre) is exclusive of thickness of 2.5 mm(two point five millimetre) is exclusive of surface applied glass beads as per IRC:35 . The finished surface to be level, uniform and free from streaks and holes.including carriage of material within all leads and lifts The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government. | 480 | Per Square Meter | | | |
| Total in Figures | | | | | | |


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

9

Schedule of Quantity

Estimated Cost: 301602-00

Earnest Money: 6100-00

Two month

Time Limit:

Name of Work :- A/R & M/O UAM Road km. 00/000 to 39/700 (SH:- Providing and laying of hot applied thermoplastic compound in km. 14/000 to 16/000) 217/00 to 18/00

| Sr. No. | Description of work | No. or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|--|-------------|------------------|---------------------------|-------|--------------|
| | | | | Figures | Words | |
| 1.00 | Providing and laying of hot applied thermoplastic compound 2.5 mm (two point five millimetre) thick including reflectorising glass beads @ 250 gms (at the rate of two hundred fifty gram per square metre) per sqm area, thickness of 2.5 mm(two point five millimetre) is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.including carriage of material within all leads and lifts The rate includes sale tax octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government. | 602 | Per Square Meter | | | |
| Total in Figures | | | | | | |

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

12

Schedule of Quantity

Name of Work :- Improvement of Road regarding road Safety of various road Under Bangana
Sub-Division (Supply and Stacking Dual direction Delineator)

Estimated Cost: 201300-00
Earnest Money: 4100-00

Time Limit: Two months

| Sr. No. | Description of work | No. or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|--|-------------|------|---------------------------|----------------------|--------------|
| | | | | Figures | Words | |
| 1.00 | Supplying and staking dual direction delineator made of dia 18G (eighteen gauge) MS rectangular pipe of size 25x63mm (twenty five into sixty three millimetre) and of length 600mm (six hundred millimetre) pipe stove enameled and baked to 120 (one hundred twenty) c/power coated head made of ABC plastic rectangular moulded with flat face provided with high intensity prismatic reflectors of colour (white/ yellow /red) of size 100x125mm (one hundred into one hundred twenty five millimetre) with additional to reflective strips of 20mm (twenty millimetre) wide make green like as per the direction of Engineer-in-Charge, including carriage of materials with in all leads and lifts and other incidentals. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 610 | Each | 255 | Two hundred and five | |
| Total in Figures | | | | | | |

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

Schedule of Quantity

Name of Work :- A/R & M/O UAM Road km. 19/000 to 39/700 (H.P.) (SH:- Supplying and fixing of retro-reflectorised traffic signs cautionary, mandatory speed limit and informative board)
KM 19/0 to 39/700

Estimated Cost: 333,300
Earnest Money: 7000-00
Time Limit: Two month

| Sr. No. | Description of work | No.or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|-------------------------|--|------------|------|---------------------------|-------|--------------|
| | | | | Figures | Words | |
| 1 | Providing and fixing of retro-reflectorised traffic signs 900x1800mm(nine hundred into nineone thousand eight millimetre) traingular cautionary, mandatory speed limit and informative sign as per IRC: 67 made of encapsulated lens type reflective sheeting wide clause 1701.2.3 fixed over aluminium sheeting. 1.5mm thick supported on a mild steel angle iron post 75mmx75mmx6mm(seventy five millimetre into seventy millimetre into six millimetre) / tubler post (75mm dia) firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450x450x600x600mm(four hundred fiftinto four hundred fifty into six hundred millimetre) below ground level as per drawings and MORD technical specification Clause 801 as per the direction of the Engineer-in-charge, including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octroi, royalty, malkhana, toll tax, labour cess or other taxes imposed by the Government.. The rate are excluding GST. | 60 | Each | | | |
| Total in Figures | | | | | | |

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

12

Schedule of Quantity

Name of Work :- A/R & M/O UAM Road km. 00000 to 39/700 (H.P.)(SH:- Supplying and fixing of retro-reflectorised traffic signs cautionary, mandatory speed limit and informatory board)
(km o/o to 19/0)

Estimated Cost: 344.410
Earnest Money: 700000
Time Limit: Two month

| Sr. No. | Description of work | No. or Qty. | Unit | RATE in Figures and words | | AMOUNT Rs. P |
|------------------|---|-------------|------|---------------------------|-------|--------------|
| | | | | Figures | Words | |
| 1 | Providing and fixing of retro-reflectorised traffic signs 900x1800mm(nine hundred into nineone thousand eight millimetre) traingular cautionary, mandatory speed limit and informatory sign as per IRC: 67 made of encapsulated lens type reflective sheeting vide clause 1701.2.3 fixed over aluminium sheeting, 1.5mm thick supported on a mild steel angle iron post 75mmx75mmx6mm(seveny five millimetre into seventy millimetre into six millimetre) / tubler post (75mm dia) firmly fixed to the grund by means of properly designed foundation with M-15 grade cement concrete 450x450x600x600mm(four hundred fiftyinto four hundred fifty into six hundred into six hundred millimetre) below ground level as per drawings and MORD technical specification Clause 801 as per the direction of the Engineer-in-charge ,including carriage of material within all leads and lifts and other incidental. The rate includes sale tax octroi, royalty,malkhana ,toll tax,labour cess or other taxes imposed by the Government. The rate are excluding GST. | 62 | Each | | | |
| Total in Figures | | | | | | |

Executive Engineer
Bangana Division
H.PFW.D.Bangana

Schedule of Quantity

| Name of work :- A/R & M/O link road to village Dangoli km 0/0 to 2/00. | | (SH:- C/O | Retaining wall at | Estimated Cost Rs | 410526.00 |
|--|---|-----------|-------------------|-------------------|-----------|
| RD 1/865 to 1/885 & 1/915 to 1/965). | | | | Earnest Money Rs | 8300.00 |
| | | | | Time Limit: | Two month |
| Sr. No. | Description of work | Quantity | Unit | Figure | Rates in |
| | | | | Words | AMOUNT |
| 1 | Earth work in excavation for all type of road structure and all type of on classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) such as retaining walls, breast walls, culverts, drains and parapets etcetera as per drawings and technical specification clause 305.1 and as per direction of the Engineer-In - Charge including setting out construction of shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and upto any lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimetres) compacted thickness including shoring and strutting and pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering . as per direction of Engineer-in-Charge. including carriage of material with in all leads and lifts and other incidentals . The rate includes octroi, royalty,malkhana ,toll tax,GST,labour cess or other taxes imposed by the Government. | 75.60 | Per cubic metre | | |
| 2 | Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 181.00 | Per cubic metre | | |
| 3 | Providing weep holes in stone masonry, plain/ reinforced concrete abutment, wing walls, return walls, retaining walls with 100mm (one hundred millimeter) diameters, PVC pipe 1.5 I make extending through the full width of the structures with a slope of 1 (one) vertical : 20 (twenty horizontal) toward drawing face complete as per direction of Engineer - in- Charge including carriage of materials within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 57.00 | Each | | |
| 4 | Back filling with granular material behind return wall, abutment, wing wall and retaining walls complete as per drawing and MORD technical specifications clause 1204.3.8 and as per direction of Engineer - in- Charge including carriage of materials within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax goods service tax, labour cess or other taxes imposed by the Government. | 25.00 | Per Cubic Metre | | |
| Total Rs. | | | | | |

Exec Engineer
Bangana Divn.H.P.P.W.
DANGANA

14

Schedule of Quantity

Name of Work:- A/R & M/O Hati Talpi Road km. 0/000 to 7/635 (SH:- C/O B/wall in km. 5/200 to 5/224, 5/300 to 5/319 & 5/319 to 5/ 330)

Estimated Cost: 499931.00
Earnest Money: 10000.00
Time Limit:
Two more

| Sr. No. | Description of work | No.or Qty. | Unit | RATE in Figures and words | | AMOU Rs. |
|---------|--|------------|-----------------|---------------------------|-------|----------|
| | | | | Figures | Words | |
| 1 | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetra in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) 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 any lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to the original surface in layers not exceeding 150mm (one hundred fifty millimetre) compacted thickness including shoring and strutting and pumping and bailing out water (surface and sub soil water) upto any depth and any quantum of water including cleaning of slush which may arise out during dewatering as per direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 73.25 | Per Cubic Metre | | | |
| 2 | Providing and laying mechanically mixed and vibrated plain cement concrete in foundation and plinth as per drawing and technical specification clause 800, & 1200 for nominal mix 1: 5: 10 (one cement: five sand : Ten graded crushed stone aggregate 40mm (forty millimeters) nominal size and curing complete including pumping or bailing out water, dewatering, removal of slush as required at site which may arise at the time of laying under water complete for all heights/depths and the cost of form work in retaining walls, breast walls etcetera as per the direction of Engineer-in-Charge. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 214.97 | Per Cubic Metre | | | |
| 3 | Providing weep holes in stone masonry, plain/ reinforced concrete abutment, wing walls, return walls, retaining walls with 100mm (one hundred millimeter) diameters, PVC pipe extending through the full width of the structures with a slope of 1 (one) vertical : 20 (twenty horizontal) toward drawing face complete as per direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 74.00 | Each | | | |

| | | | | | | | |
|------------------|---|-------|-----------------|--|--|--|--|
| 4 | Back filling with granular material behind return wall, abutment, wing wall and retaining walls complete as per drawing and technical specifications clause 1204.3.8 and as per direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental. The rates are inclusive of octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 56.45 | Per cubic metre | | | | |
| Total in Figures | | | | | | | |


 Executive Engineer,
 Bangana Division,
 HPPWD, Bangana