

Himachal Pradesh  
Public Works Department

**Registered**

No.PWJ/CB/TA/Tender Notice/2022-  
To

4521

Dated:-

19/3/2022


The Executive Engineer(IT Cell)  
Nigam Vihar Shimla.

Subject:-

Publication of tender Notice.

Enclosed please find herewith the tender notice of work given in the Notice  
Inviting tender for uploading on Department website as per Notification Pr. Secy.(PW) to the Govt. of Himachal  
Pradesh letter No. PBW(B)A(3)1/2020 dated 16/07/2021 as the works mentioned in the tender notice are urgent  
nature and in public interest.

DA/As above

  
Executive Engineer  
Jawali Divn. HP PWD,  
Jawali.

# HP.P.W.D.TENDER

Sealed items rate tender on PWD form Number 6 & 8 are hereby invited by the Executive Engineer, Jawali Division H.P.P.W.D. Jawali on behalf of the Governor of H.P. for the following work from the approved and eligible contractors C& D enlisted in H.P.P.W.D, so as to reach in this office in the waxed sealed cover on or before **25.03.2022** up to 11:00 (AM) and will be opened on the same day at 11:30 (A.M.) in the presence of the intending contractors or their authorized representative who may like to be present. The application for purchase of tender will be received up to 4.00 P.M on dated **23.03.2022** The tender form can be obtained from this office against cash payment non-refundable during the working hrs on **24.03.2022** to 4.00 PM and no tender form shall be issued by post. The amount of earnest money in shape of FDR of any nationalized Bank in HP pledged in the name of the Executive Engineer, Jawali Division H.P.P.W.D. Jawali.

The Conditional tender and tender received without earnest money will be rejected and if holidays declared by the Govt.. on the above date due to any reason the tender shall be received and opened on the next working day .The offer of the tender shall be remain valid upto 75 days after the opening.. The undersigned reserved the right to reject tender without assigning any reasons.

| S. No | Name of Work  | Estimated Cost Rs. | Earnest Money Rs. | Time Limit | Cost of Form Rs. |
|-------|---|--------------------|-------------------|------------|------------------|
| 1     | A/R & M/O of various roads under Jawali Sub Division HPPWD Jawali (Sidhata Section)(SH:-Providing and laying G-III and Pot Holes on various roads).   | 497040/-           | 9950/-            | One month  | 350/-            |
| 2     | Construction of link road from Sunchar to Mariana Via Haridwar road Km. 0/0 to 1/500(SH:- Providing and laying tarring at RD. 0/0 to 0/450).  | 396452/-           | 7900/-            | One month  | 350/-            |
| 3     | A/R & M/O of various roads under Jawali Sub Division HPPWD Jawali (Jawali Section)(SH:-Providing and laying G-III and Pot Holes on various roads).  | 482542/-           | 9650/-            | One month  | 350/-            |
| 4     | A/R & M/O of various roads under Jawali Sub Division HPPWD Jawali (Bharmar Section)(SH:-Providing and laying G-III and Pot Holes on various roads).   | 485510/-           | 9700/-            | One month  | 350/-            |
| 5     | Construction of 65.00 Metre span Suspension type Foot Bridge over Dehar at RD. 0/040 from Kotla Ballah Baded road to connect Ballah village(SH:- Providing and laying concrete work in chamber of Anchor Block Abutment Cap and Tower pillar of baded side abutment). | 496899/-           | 9900/-            | One month  | 350/-            |
| 6     | A/R & M/O of various roads under Jawali Sub Division HPPWD Jawali (Nagrotia Surian Section)(SH:-Providing and laying G-III and Pot Holes on various roads).   | 482542/-           | 9650/-            | One month  | 350/-            |
| 7     | Construction of road side Ammenties on Jawalamukhi Dehra Jawali Raja-Ka-Talab road in Tehsil Jawali District Kangra *(HP)(SH:- Construction of Rain shelter at Lubh).   | 496565/-           | 9900/-            | Two months | 350/-            |
| 8     | Construction of Jawali Dhan Thanger Matlahar Jaiser Bhaloon Kardial road Km. 0/0 to 9/0(SH:- Providing and laying Interlocking cement concrete paver Block at RD. 7/200 to 7/295).  | 442224/-           | 8800/-            | Two months | 350/-            |
| 9     | Improvement of Black spot on Jawalamukhi Dehra Jawali Raja-Ka-Talab road Km. 39/0 to 52/330(SH:- Construction of Retaining wall at RD. 44/218 to 44/237).   | 482254/-           | 8000/-            | One month  | 350/-            |
| 10    | Construction of link road from Bhanaie to Maira Via Kut and Bhol road Km. 0/0 to 2/800(SH:- Providing and laying wearing G-II at RD. 1/800 to 2/800,G-III at RD. 1/500 to 2/600 and filling at Rd. 1/200 to 1/350).   | 478527/-           | 9600/-            | One month  | 350/-            |
| 11    | Construction of road side Ammenties on Jawalamukhi Dehra Jawali Raja-Ka-Talab road in Tehsil Jawali Distrtict Kangra H.P.(SH:- Construction of Rain shelter at Hawal).  | 496565/-           | 9900/-            | Two months | 350/-            |
| 12    | A/R & M/O of various roads under Jawali Sub Division HPPWD Jawali (Amlela Section)(SH:-Providing and laying G-III and Pot Holes on various roads).  | 497040/-           | 9700/-            | One month  | 350/-            |
| 13    | A/R & M/O HPPWD Rest House at Jawali(SH:-Providing and fixing High Pressure Laminated Paneling in new Suit).  | 497635/-           | 10000/-           | One month  | 350/-            |
| 14    | Construction of Raje Di Hatti to Pharian road Km. 0/0 to 7/0 under SCSP(SH:- Providing and laying tarring at Rd. 0/300 to 0/800).   | 440504/-           | 8800/-            | One month  | 350/-            |
| 15    | Construction of link road from Harnota to Jhinjpur road Km. 0/0 to 4/045(SH:- Construction of 3.00 Mete span RCC slab culvert at RD. 0/820).  | 431837/-           | 8700/-            | One month  | 350/-            |

|       |   |          |         |           |       |
|-------|---|----------|---------|-----------|-------|
| 16    | Construction of link road to Shamshanghat at Chalwara under Mukhyamantri Sadak Yojna(SH:- Construction of Retaining wall at RD. 0/020 to 0/055).  | 348798/- | 7000/-  | One month | 350/- |
| 17    | C/O foot Bridge over Giran Khad on approach road to village Chhamb Kiyarian under MMGSY(SH:- Providing and laying 60mm thick interlocking paver Block at RD. 0/036 & 0/049 to 0/065 and R/wall at RD. 0/021.60 to 0/025.35 & 0/049 to 0/065). | 494597/- | 10000/- | One month | 350/- |
| 1.    | The contractors/firms should possess the following documents(Photocopy to be attached)  |          |         |           |       |
| (i)   | Copy of Registration/latest renewal of enlistment.  |          |         |           |       |
| (ii)  | PAN Number(Permanent Account No).   |          |         |           |       |
| (iii) | GST Registration Number.  |          |         |           |       |
| 2.    | Conditional/Telegraphic tenders or tender by Fax/E-Mail shall not be entertained /considered in any case.   |          |         |           |       |

**CERTIFICATE:-** It is Certified that tender mentioned in the notice is exigencies/emergency are urgent nature and in public interest.

Executive Engineer  
Jawali Divn HP PWD,  
Jawali.

For on behalf of Governor of H.P.

No.PWJ/CB/TA/Tender/2021-22

Dated:-

1. Copy to the Chief Engineer(KZ)HPPWD Dharamshala for favour of information please.
2. Copy to the Superintending Engineer,9<sup>th</sup> Circle HP PWD Nurpur for favour of information please.
3. All the Assistant Engineer, working under this Division for information.
4. The Account Branch/Drawing Branch in this office for information.
5. Notice Board.

Executive Engineer  
Jawali Divn HP PWD,  
Jawali.



# **SCHEDULE OF QUANTITY**

**Name of work:-**A/R & M/O of various roads under Jawali Sub Division HP:PWD. Jawali (Sidhatha Section) . (SH: - Providing and laying G-III and Pot Holes on various roads)

Estimated Cost : Rs. 4,97,040/-

Earnest Money : Rs. 9990/-

Time Limit : One Month

| No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-----|---|----------|--------------|-------------------|----------|------------------|--------|
|     |   |          |              | In Figures        | In words |                  |        |
| 1   | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1   | Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three milimetres to twenty two point four milimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum ( zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer - in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 40.00    | Cubic Metres |                   |          | Per Cubic Metre  |        |
| 2   | Repair of pot holes and removal of loose materials trimming of sides cleaning of surface by providing tack coat, 20mm (Twenty milimetres) thick premix carpet and seal coat type-B specifications clause 1904.2, 503 and 508 including hiring charges of machinery and carriage of material with in all leads and lifts as per direction of the Engineer-in-Charge. The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.  | 1504.00  | Square Metre |                   |          | Per Square Metre |        |
|     |   |          |              |                   |          | <b>Total:</b>    |        |

Executive Engineer,  
Jawali Division, H.P. P.W.D.,  
Jawali-176023

## SCHEDULE OF QUANTITY

**Name of work:-**Construction of link road from Sunehar to Mariana Via Haridwar road km. 0/0 to 1/500. (SH: - Providing and laying tarring at RD. 0/0 to 0/450).

Estimated Cost : Rs. 3,96,452/-


Earnest Money : Rs. 7900/-

Time Limit : One month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|--------------|-------------------|----------|------------------|--------|
|       |   |          |              | In Figures        | In words |                  |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1     | Providing and applying primer coat with BITUMEN emulsion (SS-1) on the prepared surface of granular base after and including cleaning of road surface with Hydraulic brooms and spraying primer with bitumen emulsion pressure distributor and spraying at the rate of 0.85 kg (zero point eight five kilograme) per 1 square metre ( per one square meter ) using mechanical means of road surface as per M.O.R.D. technical specifications clause No. 502 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1441.12  | Square Metre |                   |          | Per Square Metre |        |
| 2     | Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.275 kgs. (Zero decimal two seven five kilogrammes) per square metre on the prepared dry and hungry bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per direction and entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax and other taxes imposed by the Government.   | 1441.12  | Square Metre |                   |          | Per Square Metre |        |



|   |   |         |              |  |  |  |                  |  |
|---|---|---------|--------------|--|--|--|------------------|--|
| 3 | Providing laying and rolling of open graded premix carpet of 20mm ( twenty millimeter) compacted thickness, composed of Type-A 13.2mm ( thirteen decimal two millimeter) to 5.6mm ( five decimal six millimeter) aggregate at the rate of 0.27 cubic metre (Zero point two seven cubic metre) mixed with penetration grade Bitumen VG-30 (VG-Thirty ) at the rate 14.6 Kilogramme (fourteen point six kilogramme) per ten square metre 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 with paver finisher to the required grade and camber and rolling with a three wheel 80-100 (Eighty-Hundred) KN static road roller Capacity finished to required level and grades to be followed by a seal coat as per M.O.R.D. technical specifications clause No. 508 as per the entire satisfaction and direction of Engineer – in- Charge excluding the cost of tack coat and seal coat but including carriage of materials within all leads and lifts and other incidental . The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1441.12 | Square Metre |  |  |  | Per Square Metre |  |
| 4 | 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 premixed with 6.8 kg ( six point eight kilogram) Bitumen VG-30 (VG-Thirty ) with 0.06 ( zero point zero six) cubic metre of fine aggregate per 10 Sqm. ( Ten square metre) heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 8-10 ( eight to ten capacity) as per direction of Engineer-in-Charge, including carriage of material labour and equipment required to execute the work to the site of work complete in all respect. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.   | 1441.12 | Square Metre |  |  |  | Per Square Metre |  |
|   |   |         |              |  |  |  | <b>Total:</b>    |  |

  
 Executive Engineer  
 H.P.P.W.D (B&R) Division,  
 Jawali

### SCHEDULE OF QUANTITY

**Name of work:-**A/R & M/O of various roads under Jawali Sub Division HP:PWD. Jawali (Jawali Section) . (SH: - Providing and laying G-III and Pot Holes on various roads)

Estimated Cost : Rs. 4,82,542/-

Earnest Money : Rs. 9650/-

Time Limit : One Month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|--------------|-------------------|----------|------------------|--------|
|       |   |          |              | In Figures        | In words |                  |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1     | Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three milimetres to twenty two point four milimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum ( zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 36.00    | Cubic Metres |                   |          | Per Cubic Metre  |        |
| 2     | Repair of pot holes and removal of loose materials trimming of sides cleaning of surface by providing tack coat, 20mm (Twenty milimetres) thick premix carpet and seal coat type-B specifications clause 1904.2, 503 and 508 including hiring charges of machinery and carriage of material with in all leads and lifts as per direction of the Engineer-in-Charge. The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.  | 1475.00  | Square Metre |                   |          | Per Square Metre |        |
|       |   |          |              |                   |          | <b>Total:</b>    |        |

  
**Executive Engineer,**  
 Jawali Division, **HP.P.W.D.**  
 Jawali-176023



**SCHEDULE OF QUANTITY**

**Name of work:-**A/R & M/O of various roads under Jawali Sub Division HP:PWD. Jawali (Bharmar Section) . (SH: - Providing and laying G-III and Pot Holes on various roads)

Estimated Cost : Rs. 4,85,510/-

Earnest Money : Rs. 9700/-

Time Limit : One Month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|--------------|-------------------|----------|------------------|--------|
|       |   |          |              | In Figures        | In words |                  |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1     | Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three milimetres to twenty two point four milimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum ( zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading –III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 45.00    | Cubic Metres |                   |          | Per Cubic Metre  |        |
| 2     | Repair of pot holes and removal of loose materials trimming of sides cleaning of surface by providing tack coat, 20mm (Twenty milimetres) thick premix carpet and seal coat type-B specifications clause 1904.2, 503 and 508 including hiring charges of machinery and carriage of material with in all leads and lifts as per direction of the Engineer-in-Charge. The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.  | 1438.00  | Square Metre |                   |          | Per Square Metre |        |
|       |   |          |              |                   |          | <b>Total:</b>    |        |

Executive Engineer,  
Jawali Division, H.P. P.W.D.  
Jawali-176023



**SCHEDULED OF QUANTITY**

**Name of work:-**Construction of 65.00 Metre span Suspension type Foot Bridge over Dehar at RD. 0/040 from Kolla Ballah Baded road to connect Ballah Village. (SH:- Providing and laying concrete work in chamber of Anchor Block, Abutment Cap and Tower pillar of Baded side abutment)

Estimated Cost : Rs. 4,96,899/-

Earnest Money : Rs. 9900/-

Time Limit : One Month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-------|---|----------|--------------|-------------------|----------|-----------------|--------|
|       |   |          |              | In Figures        | In words |                 |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6               | 7      |
| 1     | Providing and laying mechanically mixed and vibrated reinforced cement concrete Grade M-20 (M-Twenty ) design mix with cement contents not less than 330kg (three hundred thirty kilogram) per cubic metres with 20mm (Twenty millimeters) nominal size crushed stone aggregate on ground or under water including pumping or bailing out water dewatering, removal of slush which may arise at time of laying concrete in all heights/depths in abutments, return walls (in sub structure) as per drawings and MORTH technical specification clause 1500, 1700 and 2200 and curing complete including cost of form work but excluding cost of reinforcement including hauling of materials in all leads and lifts and other incidental, as per the entire satisfaction and directions of Engineer-in-Charge. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.   | 78.37    | Cubic Metre  |                   |          | Per Cubic Metre |        |
| 2     | Providing and laying mechanically mixed and vibrated concrete for reinforced concrete in sub structure for all types of structure of cement concrete grade M-25 (M-twenty five) designed mix with cement contents not less than 403kg (four hundred three kilogramme) per cubic meter with 20mm (twenty milimeters) aggregate in or under water including curing complete, 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 height/ depths including cost of form work in bed block and dirt wall, piers caps etcetera as per drawings and MORTH technical specifications section 1500,1700,2200 and asper the directions of Engineer-in-Charge including carriage of materials within all leads and lifts and other incidental and to the entire satisfaction of the Engineer-in-Charge. The rate also includes octroi,royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government. | 21.96    | Cubic Metres |                   |          | Per Cubic Metre |        |

|   |  |       |             |  |  |                 |  |
|---|--|-------|-------------|--|--|-----------------|--|
| 3 | Providing and laying mechanically mixed and vibrated reinforced cement concrete grade M-25 (M-twenty five) design mix with cement contents not less than 400kg (four hundred kilogram) per cubic metre with 20mm (twenty millimetres) nominal size crushed stone aggregate in deck slab and wheel guard as per drawing and MORTH technical specifications section 1500, 1700 and 2300 and curing complete including cost of form work in all heights/ depths but excluding cost of reinforcement for reinforced concrete in bed block and dirt wall etcetera, including hauling of materials in all leads and lifts and other incidental, as per the entire satisfaction and directions of Engineer-in-Charge. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government. | 36.26 | Cubic Metre |  |  | Per Cubic Metre |  |
| 4 | Providing and laying 100mm ( Hundred millimeter) dia ISI marked PVC pipe weep holes in brick masonry/ stone masonry, plain/reinforced concrete abutment, wing wall, return wall and retaining/breast walls extending through the full width of the structures with slope of 1(V): 20(H) towards drawing face complete as per drawing and M.O.R.D. technical specifications clause/ section 709 and 1200 and as per direction and entire satisfaction of Engineer – in- Charge, including the cost of collar etcetera complete, including carriage of materials within all leads and lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.  | 25    | Numbers     |  |  | Each            |  |
|   |  |       |             |  |  | Total:          |  |

  
 Executive Engineer,  
 Jawali Division, HP PWD  
 Jawali.



**SCHEDULE OF QUANTITY**

**Name of work:-**A/R & M/O of various roads under Sub Division HP:PWD. Nagrota Surian (Nagrota Surian Section) .  
(SH: -Providing and laying G-III and Pot Holes on various roads)

Estimated Cost : Rs. 4,82,542/-

Earnest Money : Rs. 9650/-

Time Limit : One Month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|--------------|-------------------|----------|------------------|--------|
|       |   |          |              | In Figures        | In words |                  |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1     | Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three milimetres to twenty two point four milimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum ( zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 36.00    | Cubic Metres |                   |          | Per Cubic Metre  |        |
| 2     | Repair of pot holes and removal of loose materials trimming of sides cleaning of surface by providing tack coat, 20mm (Twenty milimetres) thick premix carpet and seal coat type-B specifications clause 1904.2, 503 and 508 including hiring charges of machinery and carriage of material with in all leads and lifts as per direction of the Engineer-in-Charge. The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.  | 1475.00  | Square Metre |                   |          | Per Square Metre |        |
|       |   |          |              |                   |          | <b>Total:</b>    |        |

Executive Engineer,  
Jawal Division, HP, PWD  
Jawal.



## SCHEDULE OF QUANTITY

**Name of work:-**Construction of road side Ammenties on Jawalamukhi Dehra Jawali Raja Ka Talab road in Tehsil Jawali District Kangra (HP). (SH: -- Construction of Rain shelter at Lubh)

Estimated Cost : Rs. 4,96,565/-

Earnest Money : Rs. 99,00/-

Time Limit : Two Months

| S.No. | Description of items   | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-------|--|----------|--------------|-------------------|----------|-----------------|--------|
|       |  |          |              | In Figures        | In worda |                 |        |
| 1     | 2  | 3        |              | 4                 | 5        | 6               | 7      |
| 1     | Excavation in foundation trenches etcetera in earth work in all type of classification of soil such as pick work, jumper work, pick jumper work, blasting work, jumper blasting work, soft and hard blasting and doing work in saturated soil, including chiseling or wedging out rocks where blasting work is prohibited or any other mixed variety of soil, including shoring, strutting, de-watering and pumping or bailing out water (surface and sub soil water) upto any depths or any quantum of water including slush which may arise during de-watering, removal of slush and stacking the excavated soil clear from the edge of excavation within all leads, as directed by Engineer-in- charge and then returning the stacked soil in 15cm (Fifteen centimeter) layers, when required into plinths and sides of foundation etcetera consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated earth as directed by the Engineer-in-Charge, within all leads, and lifts disposed earth to be levelled and neatly dressed including carriage of materials within all leads and lifts and other incidental charges. The rate is includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government. | 12.32    | Cubic Metres |                   |          | Per Cubic Metre |        |
| 2     | Providing and laying cement concrete 1:4:8 (One cement : four sand : eight graded/ crushed stone aggregate 40mm (Forty milimetres) nominal size) mixed mechanically and curing complete excluding the cost of form work in foundation and plinth in all depths, including carriage of materials within all leads and lifts and other incidental charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.  | 6.42     | Cubic Metre  |                   |          | Per Cubic Metre |        |

|   |  |        |              |  |  |                  |  |
|---|--|--------|--------------|--|--|------------------|--|
| 3 | Providing form work with steel plates 3.15mm (Three point one five millimeters) thick welded with angle iron in frames 30x30x5mm (Thirty into thirty into five millimeters) so as to give a fair finish including centring, shuttering, strutting and propping etc. with wooden battens and ballies for all heights/ depths heights of propping and centring in all heights below supporting floor to ceiling upto any heights and removal of the same for in-situ- reinforced concrete and plain concrete work in: Vertical surfaces such as walls (any thickness) partitions and the like including attached pillasters buttresses, plinth and string courses and the like, upto all floor level including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government. | 8.70   | Square Metre |  |  | Per Square Metre |  |
| 4 | Providing and laying mechanically mixed and vibrated cement concrete work 1:2:4 (One cement : two sand : four graded crushed/ broken stone aggregates 20mm (Twenty millimeters) nominal size) to obtain the minimum crushing strength of grade M-20 (M-twenty) with cement contents not less than 330kg (Three hundred thirty kilogram) and curing complete, excluding the cost of form work and reinforcement for reinforced concrete work in suspended floors, roofs landing and shelves and their support balconies, beams, girders, bressumers and cantilevers upto any floor level as directed by the Engineer-in-Charge, carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government.   | 2.92   | Cubic Metre  |  |  | Per Cubic Metre  |  |
| 5 | Providing and laying Mild steel/ tor steel reinforcement for reinforced cement concrete work including bending, binding and placing in position complete in all heights including cost of binding wires complete and other incidentals due for its completion and carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.   | 242.00 | Kilogramme s |  |  | Per Kilogram me  |  |
| 6 | Brick work using second class common burnt clay building bricks in super structure above plinth level upto all heights/ floor level in cement mortar 1:6 (One cement : six sand) and curing complete, including carriage of materials within all leads and lifts and other incidental charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government.   | 8.02   | Cubic Meters |  |  | Per Cubic Meters |  |

|    |  |       |               |  |  |                  |  |
|----|--|-------|---------------|--|--|------------------|--|
| 7  | 15mm (Fifteen milimetres) thick cement plaster with cement mortar 1:6 (One cement : six sand) in single coat on the rough side of brick/concrete/stone walls for interior plastering upto all floor level, including arrises internal rounded angles, chamfers and/or rounded angle in all girth and finished even and smooth complete including carriage of material within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, Toll tax, malkana and all other taxes as imposed by the Government.   | 15.83 | Square Metres |  |  | Per Square Metre |  |
| 8  | Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists channels angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like, including carriage of material within all leads and lifts and other incidental. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.  | 10.38 | Quintal       |  |  | Per Quintal      |  |
| 9  | Steel work welded in built up sections, trusses and framed work, Anar Kali type cast iron Jali work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in grating framed guard bars, ladders, railing and similar works as directed by the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.   | 8.48  | Quintal       |  |  | Per Quintal      |  |
| 10 | Providing and fixing M.S. B.P. sheet 1.66mm (One point six six milimetres) to 2mm (two milimetres) thick in eaves board/facia/ soffits/ ceiling including cutting, fixing in welding to steel roof members and applying a coat of red lead primer complete as per the the instructions of Engineer-in-Charge, (Base member ofs of steel work shall be measured and paid for separterly) as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate including, octroi royalty malkana sale tax, toll tax, GST or any other taxes as imposed by the Government. | 7.39  | Square Metres |  |  | Per Square Metre |  |



|    |  |       |               |  |  |                  |  |
|----|--|-------|---------------|--|--|------------------|--|
| 11 | Providing and fixing 0.60mm (zero decimal six zero milimeter) thick prepainted steel sheet in roofing (Khaprail type) with hot dipped metallic zinc coated sheet with top coat of regular modified poly steel (RMP) organic coating of 20 (Twenty) microns over 5 (five) microns primer coating to back coat of polyester of 10 (ten) microns over 5 (five) microns primer coating including fixing with prepainted iron J or L hooks bolts and nuts 6mm (six milimeter) diameter with prepainted limpet and rubber washers complete with all accessories as required including carriage of material within all leads, lifts and other incidentals and further as per specifications approved drawing design and as directed by the Engineer-in-Charge. The rate including, octroi royalty malkana sale tax, toll tax, GST or any other taxes as imposed by the Government.  | 35.64 | Square Metres |  |  | Per Square Metre |  |
| 12 | Providing and fixing factory made ridges or hips having proper gola shape 60 cm (sixty centimetres) overall with 0.60 mm (zero point six zero milimetres) thick prepainted steel sheets of Tata / Sail / Reliance / Jindals steels in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns (twenty microns) over 5 microns (five microns) primer coating + back coat of polyester of 5 microns (five microns) over 5 microns (five microns) primer coating fixing with prepainted iron J or L hooks, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete as per approved drawing, design and specifications, as per specification and direction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government. | 8.90  | Running Metre |  |  | Per Square Metre |  |
| 13 | Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on un-decorated walls surfaces (Two or more coats) to give an even shade after thoroughly brushing the surfaces to remove all dirt, dust and remains of loose powdered materials, within all leads, lifts of materials and other incidentals. as per approved drawing, design and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.  | 16.50 | Square Metres |  |  | Per Square Metre |  |

|    |   |        |               |  |  |                  |  |
|----|---|--------|---------------|--|--|------------------|--|
| 14 | Providing and fixing Everest Fibre cement sheet ceiling Fire and Moisture resistant of size 610x610x6mm (Six hundred ten into six hundred ten into six milimetres) of approved quality with butt jointed and stainless screws excluding frame work and cover fillets, as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.  | 20.50  | Square Metres |  |  | Per Square Metre |  |
| 15 | Providing and laying 80mm (eighty milimetres) thick inter locking blocks heavy duty precast cement concrete interlocking paver blocks of ISI specified APT or equivalent vibro compacted upto M-50/40 (M-Fifty oblique forty) grade including border or kurb block grey or coloured over sub base of concrete with 25mm (twenty five milimetres) thick average thickness of cement mortar 1:4 (one cement : four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete, and as per entire satisfaction direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 118.40 | Square Metre  |  |  | Per Square Metre |  |
| 16 | Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping with enamel paint other than white as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate including, octroi royalty malkana sale tax, toll tax, GST or any other taxes as imposed by the Government.   | 38.20  | Square Metres |  |  | Per Square Metre |  |
|    |   |        |               |  |  | <b>Total:</b>    |  |

Executive Engineer,  
Jawali Division, HP:PWD.,  
Jawali.

## SCHEDULE OF QUANTITY

**Name of work:-**Construction of Jawali Dhan Thanger Matlahar Jaiser Bhaloon Kardial road km. 0/0 to 9/0. (SH: -  
Providing and laying Interlocking cement concrete paver block at RD. 7/200 to 7/295)

Estimated Cost : Rs. 4,42,224/-

Earnest Money : Rs.8800/-

Time Limit : Two Months

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|--------------|-------------------|----------|------------------|--------|
|       |   |          |              | In Figures        | In words |                  |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1     | Providing and laying mechanically mixed and vibrated concrete for plain cement concrete in open foundation for all type of structure complete of plain concrete nominal mix 1:4:8 (One cement : four sand : eight graded crushed/ broken stone aggregate 40mm (forty millimeter) nominal size in or under water including curing complete and 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 M.O.R.D. technical specification clause 802,803,1202,1203 and as per entire satisfaction direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 33.25    | Cubic Metre  |                   |          | Per Cubic Metre  |        |
| 2     | Providing and laying 80mm (eighty milimetres) thick inter locking blocks heavy duty precast cement concrete interlocking paver blocks of ISI specified APT or equivalent vibro compacted upto M-50/40 (M-Fifty oblique forty) grade including border or kurb block grey or coloured over sub base of concrete with 25mm (twenty five milimetres) thick average thickness of cement mortar 1:4 (one cement : four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete, and as per entire satisfaction direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government.   | 332.50   | Square Metre |                   |          | Per Square Metre |        |
|       |   |          |              |                   |          | <b>Total:</b>    |        |

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



## SCHEDULE OF QUANTITY

Name of work:-Improvement of Black Spot on Jawalamukhi Dehra Jawali Raja Ka Talab road km. 39/0 to 52/330.  
(SH:- Construction of Retaining wall at RD. 44/218 to 44/237)


Estimated Cost : Rs. 4.82.254/-

Earnest Money : Rs.8000/-

Time Limit : One Month

| No. | Description of items   | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-----|--|----------|--------------|-------------------|----------|-----------------|--------|
|     |  |          |              | In Figures        | In words |                 |        |
| 1   | 2  | 3        |              | 4                 | 5        | 6               | 7      |
| 1   | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera and other similar structure in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks ( Where blasting is prohibited) complete in accordance with the line and dimensions shown on the drawings as per drawings and M.O.R.D. technical specification section 300 and 1600 and as per direction of the Engineer-In - Charge including setting out 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 including shoring and strutting and pumping and bailing out water (surface and sub soil water ) upto any depth any quantum of water including cleaning of slush which may arise out during dewatering as per entire satisfaction and direction of Engineer-in-Charge. Including carriage of materials within all leads and lifts and other incidental . The rate is including octroi, royalty, malkana, toll tax, sale tax GST or other taxes imposed by the Government. | 56.24    | Cubic Metres |                   |          | Per Cubic Metre |        |
| 2   | Providing and laying cement concrete 1:5:10 (One cement : five Sand : ten graded crushed stone aggregate 40mm (Forty milimetres) nominal size and curing complete, including the cost of form work with steel plates for plain/ reinforced concrete in Retaining walls, Breast wall, as per Drawing and H.P.P.W.D. technical specifications Clause 802,803,1202 and 1203 as per direction of the Engineer-in-Charge. including carriage of materials within all leads, lifts and other incidental charges. The rate is including octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.   | 197.41   | Cubic Metres |                   |          | Per Cubic Metre |        |
| 3   | Back filling behind abutment wing walls and retaining walls complete as per drawing and technical specifications clause 1204.3.8. including carriage of materials within all leads and lifts and other incidental charges. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government.   | 56.43    | Cubic Metre  |                   |          | Per Cubic Metre |        |

|   |   |        |             |  |  |                 |  |
|---|---|--------|-------------|--|--|-----------------|--|
| 4 | Providing Weep holes in brick masonry/ stone masonry/ plain reinforced concrete abutment, Wing walls, Return walls. Retaining walls with 100mm (One hundred millimetres) dia P.V.C. pipes extending through the full width of the structure with slope of 1 (one) (Vertically) : 20 (Twenty) (Horizontally) towards Drawing and face complete as per Drawing and Technical specification Clause 614, 709, 1204.3.7. as per the direction of Engineer-in-Charge. including carriage of materials within all leads and lifts and other incidental charges. The rate including of octroi, Malkana. toll tax, sale tax, GST or other taxes imposed by the Government. | 45     | Numbers     |  |  | Each            |  |
| 5 | Construction of embankment with approved materials obtain from borrow pits cutting, transporting to site spreading, grading to required slope and graded up to any height compacted with three Wheel Road Roller 80-100 ( eighty-hundred ) KN static weight road roller to meet the requirement of tables 300.1 and 300.2 as per M.O.R.D. technical specification Clause 301.5 including carriage of materials within all leads and lifts and other incidental and as per the entire satisfaction and direction of the Engineer- in -Charge. The rate including octroi, royalty, malkana. toll tax, sale tax, GST or other taxes imposed by the Government.       | 158.27 | Cubic Metre |  |  | Per Cubic Metre |  |
|   |   |        |             |  |  | Total:          |  |

  
 Executive Engineer,  
 Jawali Division, HP PWD  
 Jawali.



## SCHEDULE OF QUANTITY

**Name of work:-**Construction of link road from Bhanaie to Maira Via Kut and Bhol road km. 0/0 to 2/800. (S.H. Providing and laying wearing G-II at RD. 1/800 to 2/800, G-III at RD. 1/500 to 2/600 and Filling at RD. 1/200 to 1/350)

Estimated Cost : Rs. 4.78,527/-

Earnest Money : Rs. 9600/-

Time Limit : One month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-------|---|----------|--------------|-------------------|----------|-----------------|--------|
|       |   |          |              | In Figures        | In words |                 |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6               | 7      |
| 1     | Construction of embankment with approved materials obtain from borrow pits cutting, transporting to site spreading, grading to required slope and graded up to any height compacted with three Wheel Road Roller 80-100 ( eighty-hundred ) KN static weight road roller to meet the requirement of tables 300.1 and 300.2 as per M.O.R.D. technical specification Clause 301.5 including carriage of materials within all leads and lifts and other incidental and as per the entire satisfaction and direction of the Engineer- In -Charge. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes imposed by the Government.  | 183.75   | Cubic Metre  |                   |          | Per Cubic Metre |        |
| 2     | Providing and laying spreading and compacting stone aggregate 63mm to 45mm (Sixty three millimetres to forty five millimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum ( zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -3 63mm to 45mm ( Sixty three millimetres to forty five millimetres) size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer - in-Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 235.50   | Cubic Metres |                   |          | Per Cubic Metre |        |



|   |        |              |  |  |  |                 |  |
|---|--------|--------------|--|--|--|-----------------|--|
| Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three millimetres to twenty two point four millimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum ( zero point two two cubic metres) per one square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading - III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer - in- Charge including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 264.00 | Cubic Metres |  |  |  | Per Cubic Metre |  |
|   |        |              |  |  |  | Total:          |  |

  
 Executive Engineer,  
 Jawali Division, HP PWD  
 Jawali.

## SCHEDULE OF QUANTITY

**Name of work:-**Construction of road side Ammenties on Jawalamukhi Dehra Jawali Raja Ka Talab road in Tehsil Jawali District Kangra (HP). (SH: -- Construction of Rain shelter at Hawal)

Estimated Cost : Rs. 4,96,565/-

Earnest Money : Rs. 99,00/-

Time Limit : Two Months

| S.No. | Description of items   | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-------|--|----------|--------------|-------------------|----------|-----------------|--------|
|       |  |          |              | In Figures        | In words |                 |        |
| 1     | 2  | 3        |              | 4                 | 5        | 6               | 7      |
| 1     | Excavation in foundation trenches etcetera in earth work in all type of classification of soil such as pick work, jumper work, pick jumper work, blasting work, jumper blasting work, soft and hard blasting and doing work in saturated soil, including chiseling or wedging out rocks where blasting work is prohibited or any other mixed variety of soil, including shoring, strutting, de-watering and pumping or bailing out water (surface and sub soil water) upto any depths or any quantum of water including slush which may arise during de-watering, removal of slush and stacking the excavated soil clear from the edge of excavation within all leads, as directed by Engineer-in- charge and then returning the stacked soil in 15cm (Fifteen centimeter) layers, when required into plinths and sides of foundation etcetera consolidating each deposited layer by ramming, watering and then disposing of all surplus excavated earth as directed by the Engineer-in-Charge, within all leads, and lifts disposed earth to be levelled and neatly dressed including carriage of materials within all leads and lifts and other incidental charges. The rate is includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government. | 12.32    | Cubic Metres |                   |          | Per Cubic Metre |        |
| 2     | Providing and laying cement concrete 1:4:8 (One cement : four sand : eight graded/ crushed stone aggregate 40mm (Forty milimetres) nominal size) mixed mechanically and curing complete excluding the cost of form work in foundation and plinth in all depths, including carriage of materials within all leads and lifts and other incidental charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.  | 6.42     | Cubic Metre  |                   |          | Per Cubic Metre |        |

|   |   |        |              |  |  |                  |  |
|---|---|--------|--------------|--|--|------------------|--|
| 3 | Providing form work with steel plates 3.15mm (Three point one five millimeters) thick welded with angle iron in frames 30x30x5mm (Thirty into thirty into five millimeters) so as to give a fair finish including centring, shuttering, strutting and propping etc. with wooden battens and ballies for all heights/ depths heights of propping and centring in all heights below supporting floor to ceiling upto any heights and removal of the same for in-situ- reinforced concrete and plain concrete work in: Vertical surfaces such as walls (any thickness) partitions and the like including attached pillars buttresses, plinth and string courses and the like, upto all floor level including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government. | 8.70   | Square Metre |  |  | Per Square Metre |  |
| 4 | Providing and laying mechanically mixed and vibrated cement concrete work 1:2:4 (One cement : two sand : four graded crushed/ broken stone aggregates 20mm (Twenty millimeters) nominal size) to obtain the minimum crushing strength of grade M-20 (M-twenty) with cement contents not less than 330kg (Three hundred thirty kilogram) and curing complete, excluding the cost of form work and reinforcement for reinforced concrete work in suspended floors, roofs landing and shelves and their support balconies, beams, girders, bressumers and cantilevers upto any floor level as directed by the Engineer-in-Charge, carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government.  | 2.92   | Cubic Metre  |  |  | Per Cubic Metre  |  |
| 5 | Providing and laying Mild steel/ tor steel reinforcement for reinforced cement concrete work including bending, binding and placing in position complete in all heights including cost of binding wires complete and other incidentals due for its completion and carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.  | 242.00 | Kilogramme s |  |  | Per Kilogram me  |  |
| 6 | Brick work using second class common burnt clay building bricks in super structure above plinth level upto all heights/ floor level in cement mortar 1:6 (One cement : six sand) and curing complete, including carriage of materials within all leads and lifts and other incidental charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government.  | 8.02   | Cubic Meters |  |  | Per Cubic Meters |  |



|    |  |       |               |  |  |                  |  |
|----|--|-------|---------------|--|--|------------------|--|
| 7  | 15mm (Fifteen milimetres) thick cement plaster with cement mortar 1:6 (One cement : six sand) in single coat on the rough side of brick/concrete/stone walls for interior plastering upto all floor level, including arrises internal rounded angles, chamfers and/or rounded angle in all girth and finished even and smooth complete including carriage of material within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, Toll tax, malkana and all other taxes as imposed by the Government.   | 15.83 | Square Metres |  |  | Per Square Metre |  |
| 8  | Steel work welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams joists channels angles, tee, flats with connecting plates or angle cleats as in main and cross beams, hip and jack rafters, purlins connected to common rafters and the like, including carriage of material within all leads and lifts and other incidental. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.  | 10.38 | Quintal       |  |  | Per Quintal      |  |
| 9  | Steel work welded in built up sections, trusses and framed work, Anar Kali type cast iron Jali work, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in grating framed guard bars, ladders, railing and similar works as directed by the Engineer-in-Charge, including carriage of material within all leads and lifts and other incidental. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.   | 8.48  | Quintal       |  |  | Per Quintal      |  |
| 10 | Providing and fixing M.S. B.P. sheet 1.66mm (One point six six milimetres) to 2mm (two milimetres) thick in eaves board/facia/ soffits/ ceiling including cutting, fixing in welding to steel roof members and applying a coat of red lead primer complete as per the the instructions of Engineer-in-Charge, (Base member ofs of steel work shall be measured and paid for separterly) as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate including, octroi royalty malkana sale tax, toll tax, GST or any other taxes as imposed by the Government. | 7.39  | Square Metres |  |  | Per Square Metre |  |

|    |  |       |               |  |  |                  |  |
|----|--|-------|---------------|--|--|------------------|--|
| 11 | Providing and fixing 0.60mm (zero decimal six zero milimeter) thick prepainted steel sheet in roofing (Khaprail type) with hot dipped metallic zinc coated sheet with top coat of regular modified poly steel (RMP) organic coating of 20 (Twenty) micron over 5 (five) microns primer coating to back coat of polyester of 10 (ten) microns over 5 (five) microns primer coating including fixing with prepainted iron J or L hooks bolts and nuts 6mm (six milimeter) diameter with prepainted limpet and rubber washers complete with all accessories as required including carriage of material within all leads, lifts and other incidentals and further as per specifications approved drawing design and as directed by the Engineer-in-Charge. The rate including, octroi royalty malkana sale tax, toll tax, GST or any other taxes as imposed by the Government.   | 35.64 | Square Metres |  |  | Per Square Metre |  |
| 12 | Providing and fixing factory made ridges or hips having proper gola shape 60 cm (sixty centimetres) overall with 0.60 mm (zero point six zero milimetres) thick prepainted steel sheets of Tata / Sail / Reliance / Jindals steels in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 microns (twenty microns) over 5 microns (five microns) primer coating + back coat of polyester of 5 microns (five microns) over 5 microns (five microns) primer coating fixing with prepainted iron J or L hooks, bolts & nuts 6mm dia & prepainted G.I. limpet and bitumen washers complete as per approved drawing, design and specifications, as per specification and direction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST sale tax, malkana and all other taxes as imposed by the Government. | 8.90  | Running Metre |  |  | Per Square Metre |  |
| 13 | Finishing wall with water proofing cement paint of approved brand and manufacture and of required shade on un-decorated walls surfaces (Two or more coats) to give an even shade after thoroughly brushing the surfaces to remove all dirt, dust and remains of loose powdered materials, within all leads, lifts of materials and other incidentals. as per approved drawing, design and as directed by the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.  | 16.50 | Square Metres |  |  | Per Square Metre |  |

|    |   |        |               |  |  |                  |  |
|----|---|--------|---------------|--|--|------------------|--|
| 14 | Providing and fixing Everest Fibre cement sheet ceiling Fire and Moisture resistant of size 610x610x6mm (Six hundred ten into six hundred ten into six milimetres) of approved quality with butt jointed and stainless screws excluding frame work and cover fillets, as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental charges. The rate includes, royalty charges, octroi, GST, sale tax, malkana and all other taxes as imposed by the Government.  | 20.50  | Square Metres |  |  | Per Square Metre |  |
| 15 | Providing and laying 80mm (eighty milimetres) thick inter locking blocks heavy duty precast cement concrete interlocking paver blocks of ISI specified APT or equivalent vibro compacted upto M-50/40 (M-Fifty oblique forty) grade including border or kurb block grey or coloured over sub base of concrete with 25mm (twenty five milimetres) thick average thickness of cement mortar 1:4 (one cement : four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete, and as per entire satisfaction direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 118.40 | Square Metre  |  |  | Per Square Metre |  |
| 16 | Painting two coats (excluding priming coat) on new steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping with enamel paint other than white as directed by the Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidentals. The rate including, octroi royalty malkana sale tax, toll tax, GST or any other taxes as imposed by the Government.   | 38.20  | Square Metres |  |  | Per Square Metre |  |
|    |   |        |               |  |  | <b>Total:</b>    |  |

Executive Engineer,  
Jawali Division, HP:PWD.,  
Jawali.



**SCHEDULE OF QUANTITY**

**Name of work:-**A/R & M/O of various roads under Sub Division HP:PWD. Nagrota Surian (Amlala Section) . (SH: - Providing and laying G-III and Pot Holes on various roads)

Estimated Cost : Rs. 4,97,040/-

Earnest Money : Rs. 9700/-

Time Limit : One Month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|--------------|-------------------|----------|------------------|--------|
|       |   |          |              | In Figures        | In words |                  |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1     | Providing laying spreading and compacting stone aggregate 53mm to 22.4mm (fifty three milimetres to twenty two point four milimetres) specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber applying and brooming with application of crushable screening at the rate of 0.22 cum ( zero point two two cubic metres) per ten square metres, to fill up the intersitices of course aggregate, watering and compacting to the required density grading -III size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications clause No. 405 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 40.00    | Cubic Metres |                   |          | Per Cubic Metre  |        |
| 2     | Repair of pot holes and removal of loose materials trimming of sides cleaning of surface by providing tack coat, 20mm (Twenty milimetres) thick premix carpet and seal coat type-B specifications clause 1904.2, 503 and 508 including hiring charges of machinery and carriage of material with in all leads and lifts as per direction of the Engineer-in-Charge. The rate including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.  | 1504.00  | Square Metre |                   |          | Per Square Metre |        |
|       |   |          |              |                   |          | <b>Total:</b>    |        |

  
 Executive Engineer,  
 Jawahar Division, HP, PWD  
 Jammu.

**SCHEDULE OF QUANTITY**

Name of work: *AK & M/o* HPPWD Rest House at Jawali. . (SH: - Providing and fixing High Pressure Laminated Panelling in new Suit)

Estimated Cost : Rs. 4,97,635/-

Earnest Money : Rs. 10000/-

Time Limit : One Month

| S.No. | Description of items  | Quantity |               | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|---------------|-------------------|----------|------------------|--------|
|       |   |          |               | In Figures        | In words |                  |        |
| 1     | 2   | 3        |               | 4                 | 5        | 6                | 7      |
| 1     | Providing and fixing of laminated wooden tuscon (Vitro floor) made in Girmoney 8mm (eight milimetres) thick high pressure laminated pannels fixed on wall with 1x2 (One into two) wooden profile fixing with all accessories and 195mmx1215mmx8mm ( One hundred ninety five milimetres into one thousand two hundred fifteen milimetres into eight milimetres) thick. as per direction of the Engineer-in-Charge, including carriage of materials. within all leads, lifts and other incidental Charges. The rate includes, royalty charges, octroi, GST, sale tax, Toll tax, malkana and all other taxes as imposed by the Government. | 121.82   | Square Metres |                   |          | Per Square Metre |        |
|       |   |          |               |                   |          | <b>Total:</b>    |        |

*[Signature]*  
Executive Engineer,  
Jawali Division, HP PWD  
Jawali.

**SCHEDULE OF QUANTITY**

**Name of work:-**Construction of Raje Di Hatti to ~~Papshan~~ *Merian* road km. 0/0 to 7/0 under SCSP. (SH: - Providing and laying tarring at RD. 0/300 to 0/800).

Estimated Cost : Rs. 4,40,504/-

Earnest Money : Rs. 8800/-

Time Limit : One month

| S.No. | Description of items  | Quantity |              | Rates (In Rupees) |          | Unit             | Amount |
|-------|---|----------|--------------|-------------------|----------|------------------|--------|
|       |   |          |              | In Figures        | In words |                  |        |
| 1     | 2   | 3        |              | 4                 | 5        | 6                | 7      |
| 1     | Providing and applying primer coat with BITUMEN emulsion (SS-1) on the prepared surface of granular base after and including cleaning of road surface with Hydraulic brooms and spraying primer with bitumen emulsion pressure distributer and spraying at the rate of 0.85 kg (zero point eight five kilograme) per 1 square metre ( per one square meter ) using mechanical means of road surface as per M.O.R.D. technical specifications clause No. 502 including hauling of material in all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads and lifts and other incidental . The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1601.25  | Square Metre |                   |          | Per Square Metre |        |
| 2     | Providing and applying tack coat with bitumen emulsion (RS-I) using emulsion distributor at the rate of 0.275 kgs. (Zero decimal two seven five kilogrammes) per square metre on the prepared dry and hungry bituminous surfaces cleaned with hydraulic broom as per technical specification clause-503, including hauling of material in all leads lifts as per direction and entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental. The rate including octroi, royalty, malkana toll tax sale tax and other taxes imposed by the Government.   | 1601.25  | Square Metre |                   |          | Per Square Metre |        |



|   |   |         |              |  |  |                  |  |
|---|---|---------|--------------|--|--|------------------|--|
| 3 | Providing laying and rolling of open graded premix carpet of 20mm ( twenty millimeter) compacted thickness, composed of Type-A 13.2mm ( thirteen decimal two millimeter) to 5.6mm ( five decimal six millimeter) aggregate at the rate of 0.27 cubic metre (Zero point two seven cubic metre) mixed with penetration grade Bitumen VG-30 (VG-Thirty ) at the rate 14.6 Kilogram (fourteen point six kilogram) per ten square metre 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 with paver finisher to the required grade and camber and rolling with a three wheel 80-100 (Eighty-Hundred) KN static road roller Capacity finished to required level and grades to be followed by a seal coat as per M.O.R.D. technical specifications clause No. 508 as per the entire satisfaction and direction of Engineer – in- Charge excluding the cost of tack coat and seal coat but including carriage of materials within all leads and lifts and other incidental . The rate includes octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 1601.25 | Square Metre |  |  | Per Square Metre |  |
| 4 | 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 premixed with 6.8 kg ( six point eight kilogram) Bitumen VG-30 (VG-Thirty ) with 0.06 ( zero point zero six) cubic metre of fine aggregate per 10 Sqm. ( Ten square metre) heated in mini hot mix plant and laying manually of mixed material and rolling with power road roller 8-10 ( eight to ten capacity) as per direction of Engineer-in-Charge, including carriage of material labour and equipment required to execute the work to the site of work complete in all respect. The rate including octroi, royalty, Malkana, toll tax, sale tax or other taxes imposed by the Government.   | 1601.25 | Square Metre |  |  | Per Square Metre |  |
|   |   |         |              |  |  | <b>Total:</b>    |  |

  
 Executive Engineer  
 H.P.PWD (B&R) Division  
 Jawali

**SCHEDULE OF QUANTITY**

**Name of work:-**Construction of link road from Harnota to Jhinjpur road km. 0/0 to 4/045 (SH: - Construction of 3.00 Metre span RCC slab Culvert at RD. 0/820)

Estimated Cost : Rs. 4,31,837/-

Earnest Money : Rs.8600/-

Time Limit : One Month

| S.No. | Description of items   | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-------|--|----------|--------------|-------------------|----------|-----------------|--------|
|       |  |          |              | In Figures        | In words |                 |        |
| 1     | 2  | 3        |              | 4                 | 5        | 6               | 7      |
| 1     | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera and other similar structure in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks ( Where blasting is prohibited) complete in accordance with the line and dimensions shown on the drawings as per drawings and M.O.R.D. technical specification section 300 and 1600 and as per direction of the Engineer-In – Charge including setting out 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 including shoring and strutting and pumping and bailing out water (surface and sub soil water ) upto any depth any quantum of water including cleaning of slush which may arise out during dewatering as per entire satisfaction and direction of Engineer-in-Charge. Including carriage of materials within all leads and lifts and other incidental . The rate is including octroi, royalty, malkana, toll tax, sale tax GST or other taxes imposed by the Government. | 38.12    | Cubic Metres |                   |          | Per Cubic Metre |        |
| 2     | Providing and laying mechanically mixed and vibrated concrete for plain concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:3:6 ( One cement : three sand : six graded crushed/ broken stone aggregate 40mm ( Forty millimetre) nominal size on ground or under water 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 concrete in all heights/ depths including the cost of form work as per drawings and M.O.R.D. technical specification section 800, 900 and 1200 as per the direction and entire satisfactions of Engineer-in-Charge Including carriage of material within all leads and lifts and other incidental. The rate is including of octroi, royalty, Malkana, toll tax, sale tax GST or other taxes imposed by the Government.  | 9.78     | Cubic Metre  |                   |          | Per Cubic Metre |        |

|   |   |       |              |  |  |                 |  |
|---|---|-------|--------------|--|--|-----------------|--|
| 3 | Providing and laying mechanically mixed and vibrated plain cement concrete M-15 (M-Fifteen) nominal mix 1 : 2 ½ : 5 ( one cement : two & half sand : five graded crushed /broken stone aggregate 40mm ( forty millimetre) nominal size) on ground or under water including pumping or bailing our water/ dewatering surface and sub soil water and removal of the slush which may arise at the time of laying concrete for all heights/ depths (concrete cradle) type-A bedding as per drawings and M.O.R.D. technical specifications section 800,900 and 1100 including the cost of form work and curing complete including carriage of materials within all leads, lifts and other incidental or as per the entire specification and directions of Engineer-in-Charge . The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government. | 88.36 | Cubic Metres |  |  | Per Cubic Metre |  |
|   |   |       |              |  |  | <b>Total:</b>   |  |

  
 Executive Engineer  
 H.P.P.W.D (B&R) Division  
 Jawali



# SCHEDULE OF QUANTITY

**Name of work:-**Construction of link road to Shamshanghat at Chalwara under Mukhyamantri Sadak Yojna.  
(SH: - Construction of Retaining wall at RD. 0/020 to 0/055).

Estimated Cost : Rs. 3,48,798/-

Earnest Money : Rs. 7000/-

Time Limit : One Month

| S.No. | Description of items   | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-------|--|----------|--------------|-------------------|----------|-----------------|--------|
|       |  |          |              | In Figures        | In words |                 |        |
| 1     | 2  | 3        |              | 4                 | 5        | 6               | 7      |
| 1     | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera and other similar structure in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks ( Where blasting is prohibited) complete in accordance with the line and dimensions shown on the drawings as per drawings and M.O.R.D. technical specification section 300 and 1600 and as per direction of the Engineer-In - Charge including setting out 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 including shoring and strutting and pumping and bailing out water (surface and sub soil water ) upto any depth any quantum of water including cleaning of slush which may arise out during dewatering as per entire satisfaction and direction of Engineer-in-Charge. Including carriage of materials within all leads and lifts and other incidental . The rate is including octroi, royalty, malkana, toll tax, sale tax GST or other taxes imposed by the Government. | 254.80   | Cubic Metres |                   |          | Per Cubic Metre |        |
| 2     | Providing and laying mechanically mixed and vibrated concrete for plain cement concrete in open foundation for all type of structure complete of plain concrete nominal mix 1:4:8 (One cement : four sand : eight graded crushed/ broken stone aggregate 40mm (forty millimeter) nominal size in or under water including curing complete and 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 M.O.R.D. technical specification clause 802,803,1202,1203 and as per entire satisfaction direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government.  | 117.42   | Cubic Metre  |                   |          | Per Cubic Metre |        |



|   |  |        |             |  |  |  |  |                 |  |
|---|--|--------|-------------|--|--|--|--|-----------------|--|
| 3 | Providing Weep holes in brick masonry/ stone masonry/ plain reinforced concrete abutment, Wing walls, Return walls, Retaining walls with 100mm (One hundred millimetres) dia P.V.C. pipes extending through the full width of the structure with slope of 1 (one) (Vertically) : 20 (Twenty) (Horizontally) towards Drawing and face complete as per Drawing and Technical specification Clause 614, 709, 1204.3.7, as per the direction of Engineer-in-Charge, including carriage of materials within all leads and lifts and other incidental charges. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government. | 35     | Numbers     |  |  |  |  |                 |  |
| 4 | Back filling behind abutment wing walls and retaining walls complete as per drawing and technical specifications clause 1204.3.8, including carriage of materials within all leads and lifts and other incidental charges. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government.   | 26.25  | Cubic Metre |  |  |  |  | Per Cubic Metre |  |
| 5 | Construction of embankment with approved materials obtain from borrow pits cutting, transporting to site spreading, grading to required slope and graded up to any height compacted with three Wheel Road Roller 80-100 ( eighty-hundred ) KN static weight road roller to meet the requirement of tables 300.1 and 300.2 as per M.O.R.D. technical specification Clause 301.5 including carriage of materials within all leads and lifts and other incidental and as per the entire satisfaction and direction of the Engineer- In -Charge. The rate including octroi, royalty, malkana, toll tax, sale tax or other taxes imposed by the Government.       | 113.40 | Cubic Metre |  |  |  |  | Per Cubic Metre |  |
|   |  |        |             |  |  |  |  | Total:          |  |

Executive Engineer,  
Jawali Division, HP PWT  
Jawali.



**SCHEDULE OF QUANTITY**

**Name of work :-** C/O foot bridge over Giran Khad on approach road to village Chhamb Kiyarian under MMGSY (SH:- Providing and laying 60mm thick interlocking Paver block at RD 0/00 to 0/036 & 0/049 to 0/065 and R/wal at RD 0/021.60 to 0/025.35 & 0/049 to 0/065)

Estimated Cost : Rs. 4,94,597/-


Earnest Money : Rs. 10,000/-

Time Limit : One Month

| S.No. | Description of items   | Quantity |              | Rates (In Rupees) |          | Unit            | Amount |
|-------|--|----------|--------------|-------------------|----------|-----------------|--------|
|       |  |          |              | In Figures        | In words |                 |        |
| 1     | 2  | 3        |              | 4                 | 5        | 6               | 7      |
| 1     | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera and other similar structure in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks ( Where blasting is prohibited) complete in accordance with the line and dimensions shown in the drawings as per M.O.R.D. technical specification section 300 and 1600 and as per direction of the Engineer- In – Charge including setting out shoring and bracing , removal of stumps and other deleterious materials and disposal of materials upto any lead and lift including dressing of sides and bottom and back filling in trenches with excavated suitable approved material to be original surface in layer not exceeding 150mm (One hundred fifty milimeter) compacted thickness including shoring, strutting and pumping and bailing out water (surface and sub soil water ) upto any depth and quantum of water including cleaning of slush which may arise out during dewatering as per entire satisfaction and direction of Engineer-in-Charge. Including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government. | 62.07    | Cubic Metres |                   |          | Per Cubic Metre |        |
| 2     | Providing and laying cement concrete 1:5:10 (One cement : five Sand : ten graded crushed stone aggregate 40mm (Forty milimetres) nominal size and curing complete, including the cost of form work with steel plates for plain/ reinforced concrete in Retaining walls, Breast wall, as per Drawing and H.P.P.W.D. technical specifications Clause 802,803,1202 and 1203 as per direction of the Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental charges. The rate is including octroi, royalty, malkana, toll tax, sale tax, GST or other taxes imposed by the Government.   | 125.22   | Cubic Metre  |                   |          | Per Cubic Metre |        |
| 3     | Providing, laying spreading and compacting by mechanical means stone aggregate/ specified size to water bound Macadam specification including spreading in uniform thickness hand packing, rolling with three wheel 80-100 (Eighty/Hundred) K.N. static Road roller in stages to proper grade and camber including applying and brooming stone screening type-B of size 11.2mm (eleven point two milimetres) size for Grading-II at the rate of 0.20 (zero point two zero cubic metre per 10 sqmt (Ten square metre) of road surface and binding material of approved quality at the rate of 0.06 (zero point zero six) cubic metre per 10sqmt (ten square metre) of road surface to fill up the interstices of course aggregate, watering and compacting to the required density grading –II 63mm to 45mm ( Sixty three millimetres to forty five millimetres) size 75mm (Seventy Five millimetres) compacted thickness as per M.O.R.D. technical specifications section 400 including hauling of material within all leads, lifts as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government.   | 18.43    | Cubic Metres |                   |          | Per Cubic Metre |        |



|   |   |        |              |  |  |                  |  |
|---|---|--------|--------------|--|--|------------------|--|
| 4 | Providing and laying mechanically mixed and vibrated plain cement concrete in for all type of structure nominal mix 1:4:8 ( One cement : four sand : eight graded crushed/ broken stone aggregate 40mm ( forty millimeter) nominal size on ground in or under water and curing complete including pumping or bailing out water , dewatering (surface and sub soil water) and removal of slush as required at site which may arise at the time of laying concrete complete for all heights/ depths including the cost of form work in retaining wall, breast wall etcetera as per drawings and M.O.R.D. technical specification section 800,900 and 1600 as per the direction and entire satisfaction of Engineer-in-Charge Including carriage of material within all leads, lifts and other incidental . The rate is including of octroi, royalty, Malkana, toll tax, GST or other taxes imposed by the Government. | 24.57  | Cubic Metres |  |  | Per Cubic Metre  |  |
| 5 | Providing and laying 60mm (sixty milimetres) thick inter locking blocks heavy duty precast cement concrete interlocking paver blocks of ISI specified APT or equivalent vibro compacted upto M-50/40 (M-Fifty oblique forty) grade including border or kurb block grey or coloured over sub base of concrete with 25mm (twenty five milimetres) thick average thickness of cement mortar 1:4 (one cement : four sand) laid over and jointed with neat cement slurry mixed with pigment to match the shade of blocks including curing rubbing and polishing complete, and as per entire satisfaction direction of the Engineer-in-Charge and carriage of materials within all leads and lifts and other incidental. The rate including of octroi, Malkana, toll tax, sale tax or other taxes imposed by the Government.  | 265.70 | Square Metre |  |  | Per Square Metre |  |
| 6 | Providing and laying 100mm ( One Hundred millimeter) dia ISI marked PVC pipe in brick masonry/ stone masonry, plain/reinforced concrete abutment, wing wall, return wall and retaining/breast walls extending through the full width of the structures with slope of 1(V): 20(H) towards drawing face complete as per drawing and M.O.R.D. technical specifications section 700 and 1200 as per direction and entire satisfaction of Engineer – in- Charge, including the cost of collar etcetera complete, including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government.  | 33     | Numbers      |  |  | Each             |  |
| 7 | Back filling with granular material behind abutments, wing wall return walls, and retaining walls/ Breast walls complete as per drawing and MORD technical specifications section 1200, 103.5 and 1600 as per directions and entire satisfaction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidental. The rate is including octroi, royalty, malkana, toll tax, GST or other taxes imposed by the Government.   | 27.54  | Cubic Metres |  |  | Per Cubic Metre  |  |
|   |   | Total  |              |  |  |                  |  |

  
 Executive Engineer,  
 Jawali Division, HP, PWD  
 Jawali.