### Himachal Pradesh Public Works Department

No:-PW/SRDD-CB-CTR-NIT/2022-

'9862

Dated: 02/07/22

То

The Executive Engineer (IT Cell)

H.P.P.W.D. Nigam Vihar Shimla-2.

Subject:-

Notice Inviting Tender for uploading the same on departmental website.

Enclosed please find herewith Notice Inviting Tender (NIT) of various works in respect of this office for uploading the same on departmental website.

Encl:-Copy of NIT

Executive Engineer Shimla Rural Division HPPWD Dhami.

### HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

### NOTICE INVITING TENDER

Sealed item rate tenders on PWD Form 6 & 8 are hereby invited by the Executive Engineer Shimla Rural Division H.P.P.W.D. Dhami on behalf of Governor of Himachal Pradesh for the followings works from the eligible contractors enlisted in H.P.PWD. (B&R) whose registration stood renewed as per revised rules and also registered under the H.P. General Sales Tax Act 1968 so as to reach in this office on before 13-07-2022 up to 11:00 AM and the same shall be opened on the same day at 11:30 AM. in the presence of intending contractors or their authorized representative who may like to be present. The Tenders documents can be had from this office against cash payment (Non-refundable) on 12-07-2022 up to 4:00 PM and the application for issue of tender form shall be received on 11-07-2022 up to 4:00 PM.

The amount of earnest money in the shape of NSCs/FDR deposit at call of any of the Post office/Bank duly pledged in favour of Executive Engineer Shimla Rural Division HPPWD Dhami must be accompanied with the application for tender documents. Please not no exemption order of earnest money will be entertained. Conditional tenders and the tenders received without earnest money as mentioned above will similarly be rejected. The offer of the tenders shall be dept open for 75 days. The Executive Engineer reserve right to reject any tender of all tenders without assigning any reasons. If it happens to be a holiday on the day of opening of tenders the same will be opened on next working day at the same time and venue.

| Sr.<br>No. | Name of Work   | Estimated<br>Cost | Earnest<br>Money | Time          | Cost of<br>Form |
|------------|--|-------------------|------------------|---------------|-----------------|
| 1          | A/R & M/O various roads under Jutogh Sub Division (SH:- Cleaning of drain, Trimming of grass, Trimming of grass & white washing in M.L.A. crossing to Tawi More km. 0/00 to 01/600 & Shimla Nalagarh road km. 07/00 to 17/00). | Rs.<br>3,05,798/- | Rs.<br>6000/-    | One<br>Month  | Rs.<br>350/-    |
| 2          | A/R & M/O Khel ka Chaura to Gyanchari road km. 0/00 to 0/600 (SH:- Repair of pot holes in km. 0/00 to 0/195 and 0/210 to 0/600) Balance work.  | Rs.<br>1,17,007/- | Rs.<br>2,000/-   | One<br>Month  | Rs.<br>350/-    |
| 3          | A/R & M/O A.E. residential building at Jalog tehsil Sunni, Shimla HP (SH:- P/F Ceiling, Cup board, detempering, Painting & other misc. repair to AE residence).  | Rs.<br>3,75,336/- | Rs.<br>7,600-    | Two<br>Months | Rs.<br>350/-    |
| 4          | Improvment of black spot on Ghanahatti to Bhajol road km. 0/00 to 14/00(SH:-Formation Cutting at Rd. 08/195 to 08/295).  | Rs.<br>4,78,826/- | Rs.<br>10000/-   | One<br>Month  | Rs.<br>350/-    |
| 5          | Improvment of black spot on Ghanahatti to Bhajol road km. 0/00 to 14/00(SH:-Formation Cutting at Rd. 08/295 to 08/395).  | Rs.<br>4,94,655/- | Rs.<br>10,000/-  | One<br>Month  | Rs.<br>350/-    |
| 6          | R/R damages on Nehwat Nayaser road km. 0/00 to 04/500 (SH:- C/o B/wall at Rd. 04/195 to 04/220).   | Rs.<br>2,08,084/- | Rs.<br>4,000/-   | One<br>Month  | Rs.<br>350/-    |
| 7          | A/R & M/O link road to Rest House road km. 0/00 to 0/450 (SH:- Repair of pot holes in km. 0/00 to 0/450) Balance work.   | Rs.<br>1,25,653/- | Rs.<br>3,000/-   | One<br>Month  | Rs.<br>350/-    |
| 8          | A/R & M/O Ratanur to Bathmana road km. 0/00 to 01/600 (SH:- Repair of pot holes in km.0/00 to 01/600) Balance work, Job No. 1.   | Rs.<br>1,76,672/- | Rs.<br>4,000/-   | One<br>Month  | Rs.<br>350/-    |
| 9          | A/R & M/O Kheel ka Chaura Baggi road km. 0/00 to 12/00 (SH:- C/o R/wall in km. 09/190 to 09/205).  | Rs.<br>4,98,681/- | Rs.<br>2,900/-   | One<br>Month  | Rs.<br>350/-    |

| 10 | Improvment of black spot on Ghanahatti to Bhajol road km. 0/00 to 14/00(SH:-Formation Cutting at Rd. 09/375 to 09/525).                                     | Rs.<br>4,97,700/-  | Rs.<br>10,000/- | One<br>Month  | Rs.<br>350/- |
|----|---|--------------------|-----------------|---------------|--------------|
| 11 | A/R & M/O Khel ka Chaura to Kanauri road km. 0/00 to 01/500 (SH:- Repair of pot holes in km. 0/00 to 01/500) Job No. 3.                                     | Rs.<br>4,98,681/-  | Rs.<br>10,000/- | One<br>Month  | Rs.<br>350/- |
| 12 | A/R & M/o Galog Nehra Okhroo road m. 0/00 to 11/135 (SH:- Repair of pot holes in km. 0/00 to 11/135) Balance work, Job No. 9.                               | Rs.<br>4,99,591/-  | Rs.<br>10,000/- | One<br>Month  | Rs.<br>350/- |
| 13 | A/R & M/O Galog Nehra Okhroo road km. 0/00 to 11/135 (SH:- Repair or pot holes in km. 0/00 to 11/135) Balance work, Job No. 10.                             | Rs.<br>4,98,467/-  | Rs.<br>10,000/- | One<br>Month  | Rs.<br>350/- |
| 14 | C/o Karyali to Shara Nallah road km. 0/00 to 05/00 (SH:- P/L Preparation of sub grade, Consilidation of sub grade and G-I, II & III in km. 0/00 to 0/300).  | Rs.<br>4,99,290/-  | Rs.<br>10,000/- | One<br>Month  | Rs.<br>350/- |
| 15 | C/o Karyali to Shara Nallah road km. 0/00 to 05/00 (SH:- P/L Preparation of sub grade, Consilidation of sub grade and G-I, II & III in km. 0/300 to 0/600). | Rs.<br>_4,99,290/- | Rs.<br>10,000/- | One<br>Month  | Rs.<br>350/- |
| 16 | R/R damages on Thachi Seri Shalli road km. 0/00 to 03/00 (SH:- C/o R/wall at RD. 0/330 to 0/335).   | Rs.<br>96,316/-    | Rs.<br>2,000/-  | One<br>Month  | Rs.<br>350/- |
| 17 | A/R & M/O PWD Rest House at Jalog<br>Tehsil Sunni Distt. Shimla HP (SH:- P/F<br>wooden flooring, Cup board & other misc<br>repair in Set No. 4, VIP Set).   | Rs.<br>2,32,629/-  | Rs.<br>4,700/-  | One<br>Month  | Rs.<br>350/- |
| 18 | Improvement of Banuti Pahal road km. 0/00 to 10/825 (SH:- P/F railing W-metal crash beam barrier in different roads at Rds. in 09/515 to 09/625).           | Rs.<br>4,74,974/-  | Rs.<br>9,500/-  | Two<br>Months | Rs.<br>350/- |
| 19 | Improvement of Banuti Pahal road km. 0/00 to 10/825 (SH:- P/F railing Wmetal crash beam barrier in different roads at Rds. in 09/625 to 09/735).            | Rs.<br>4,74,974/-  | Rs.<br>9,500/-  | Two<br>Months | Rs.<br>350/- |

Followings documents should be attached with the application for tenders:-

The Contractors are requested to be produced a copy of their PAN No. GST No. copy of enlistment renewed letter and EPF certificate alongwith FDR against earnest money.

(iv) Special care would be taken to write the rates both in figures and in word failing which tender is likely to be rejected.

> Executive gineer Shimla Rwal Division H.P.P.W.D. Dhami

On behalf of Governor of Himachal Pradesh HIM SUCHNA AWAM JANSAMPARK

No: PW-SRDD-CB-CTR / 2022-No: PW-SRDD-CB-CTR / 2022- 9863-72 Dated.
Copy forwarded for the following for information and necessary action to: Dated: 02 07 22

The Superintending Engineer 4th Circle HPPWD Shimla-3.
 The all Assistant Engineer working under this division for information and necessary action.

3. All the heads of the branches in this office.

4. Notice Board.

Executive Engineer Shimla Rural Division H.P.P.W.D.Dhami.

### Certificate

invited without press notice due to exigencies/emergency of works in the public interest. No.PW-SRDD-CB-CTR/2022-9863-72 dated 62/09/22 for 19 number jobs is hereby Certified that the tenders called vide this office notice

Executive tagineer Shimla Rural Division H.P.P.W.D. Dhami

| 1/600 & Shimla Nalagarh Road In Km. 7/00 to 17/00 ) | of grasss & White washing in MLA Crossing to Tawi More Km. 0/00 to | Clearing of Alain F. Ailliual Repair & Maintenance on various roads under Jutogh Sub Division (Sh | Name of Work: Amanage Scriebote of QUANTITY |
|---|--|---|---|
| Time: - 0   | re Km. 0/00 to   Earnest Money : - Rs. 6000 /-only                 | Estimated Cost: - Rs 305798 /- only   |   |
| One Month   | Rs. 6000 /-only  | Rs 305798 /- only   |   |

| _      |   |  |  | - 1  |          |                            | - 1   |  |  |
|--------|---|--|--|------|----------|----------------------------|---|--|--|
| 0      | ω   | 2  | :-   | - اد |          | No.                        | S   | 0.00   | Cles   |
|        | Maintenance of Drains, The maintenance of drains include erosion, repair, clearing, cleaning, reshaping, regrading, deepening of side drains as well as catch water drains as per technical specification Clause 1907 & as per the direction of Engineer-in-charge. | White washing two coats on parapet walls and tree trunks including preparation of surface by cleaning scraping etc. as per technical specifications Clause 1915 including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. | Shoulder / berms and disposing off the same to suitable locations as per technical specifications clause 1914 as per the directions of Engineer-in-charge. | 2    |          | Sub nead and items of work | 1/000 & Shimla Nalagarh Road in Km. 7/00 to 17/00 ) | Timming of grasss & White washing in MLA Crossing to Tawi More Km. 0/00 to | ring of Jania (Neball & Maintenance on various roads under Jutogh Sub Division (Sh:- |
|        | 11430.00 Rmt  | 4072.50 Sqm.   | 52290.00 Sqm.  | သ    | * CO     | Qty.                       | 7/00.)  | ng to Tawi More  | er Jutogh Sub Div  |
|        |   |  |  | 4    | figures  | Z.                         |   | Km. 0/00 to  | /ision (Sh:-   |
|        |   |  |  | 5    | In words | Rate                       | Time: -   | Earnest Money  | Estimated Cos  |
| Total: | Per runnign<br>metre  | Each   | Per Square<br>Metre  | 6    |          | Unit                       | One Month   | Earnest Money : - Rs. 6000 /-only  | Estimated Cost: - Rs 305798 /- only  |
|        |   |  |  | 7    |          | Amount                     |   | nly  | only   |
|        |   |  |  | 3.5  | -        | _                          | -   | _  |  |

Note: (i) All the material will procured by the contractor him self.



| 0     | 2   | _   | _ | No.                        | ç         |  | Man   |
|-------|---|---|---|----------------------------|-----------|--|---|
|       | Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer -in- Charge. | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. | 2 | Sub head and items of work |           | Pot Holes in Km. 0/00 to 0/195 and 0/210 to 0/600 ) Balance Work | Name of Work: - Annual Repair and Maintenance on On Khel Ka Chaura to Gyanchari Road Km. 0/00 |
|       | 290.10 Sqm.   | 4.00 Cum  | 3 | Qty.                       |           | *  | (m. 0/00 to 0/600(  |
|       |   |   | 4 | figures                    |           |  | to o/60x(Sh: Repair of  Estimated Cost: - Rs 117007 /- only                                   |
|       |   |   | 5 | Rate<br>In words           | Time: -   | Earnest Money: - Rs. 2000 /-only                                 | Estimated C   |
| Total | Per<br>Square<br>Metre  | Per cubic<br>metre  | 6 | Unit                       | One Month | ley:-Rs. 20  | ost: - Rs 11  |
|       |   |   | 7 | Amount                     | 3         | 300 /-only   | 7007 /- only  |

Note : (i) All the material will procured by the contractor him self.



|   | Metre               |   |                          | nibo                | ,<br>,   | Providing and fixing 19mm thick HDHMR (both side laminated) board water proof shutter for cup boards i/c fixing with nickel plated piano hinges with screws etc complete.  | 8                         |
|---|---------------------|---|--------------------------|---------------------|--|--|---------------------------|
|   | Metre Per Square    |   |                          | Sqm                 | 102.03   | Providing and Fixing 12 mm thick Prelaminated board both side bwp phenol bonded exterior/ interior grade shutters with frame of 1st. Class deodar wood for cup board including nickel bright finished piano hinges 25mm thick frame.   | 7                         |
|   | Metro               |   |                          |                     | Total State of the | gauge designation 85 (eighty live) G. with wire of dia 0.50 mm (zero point fifty six millimetre) for doors windows and clerestory windows including bright finished black enamelled iron butt hinges with necessary screws as per HP.PWD specification 1190 volume-1 including carriage of all labour equipment and material to various location through all modes of transportation in all leads and lifts including all incidental charges etc. and as per direction of Engineer-in- Charge. |                           |
| î   | Per Square          |   | = 1                      | Sqm                 | 4.00   | Providing and fixing wire gauge shutters using galvanised M.S. wire  | 6                         |
|   | Per Square<br>Metre |   |                          | Sqm                 | 0.16   | Providing wood work in frames of doors windows, clerstory, windows and other frames wrought, framed and fixed in position 2nd class deodar wood.   | 5                         |
|   | Each                | Ų.  |                          | Each                | 5.00   | Providing and fixing brass long body bib tap of approved quality (superior or heavy type) · 15 mm dia  | 4                         |
|   | Each                |   | · !                      | Each                | 4.000  | Providing and fixing charomium plated brass soap dish with C.P. brass brackets fixed to wooden cleats with C.P. brass screws including carriage of materials within all leads and lifts:-  | ω                         |
|   | Each                |   |                          | Each                | 4  | Providing and fixing 600mmx450mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P.brass screws and washers complete.   | 2                         |
|   | Per Square<br>Metre |   |                          | Sqm                 | 3  | Renewing glass panes, with putty and nails wherever necessary including racking out the old putty. Float glass panes of nominal thickness 5mm ( weight not less than 12.5 kg/ sqm).  | 1                         |
| 8   | 7                   | 6   | 5                        | 4                   | 3  | 2  | 1                         |
|   |                     | In words                                      | In figures               | 1 1 2               |  |  |                           |
| Amount  | Unit                |   | Rate                     |                     | No.of Qty.   | Description of Work  | S.No                      |
| istt. Shimla (HP) (SH:-Earnest Money:- 7600.00  Mise, Repair to A.E  Time:- Two Months. | Time:- Tw           | istt. Shimla (HP) (SH:<br>Mise, Repair to A.E | tt. Shimla<br>lise, Repa | Suni Dis<br>Other M | ng Tehsil<br>ainting &   | Name Of Work :- A/R & M/O A.E Resential building at Jalog Tehsil Suni D Providing and Fixing Ceiling, Cup Board, Distempering, Painting & Other Residence)   | Providing a<br>Residence) |
| Estimated Cost:- 3,75,336   | Estimated           |   |                          |                     | У  | Schedule Of Quantity   |                           |
|   |                     |   |                          |                     |  |  |                           |

|   |  |  |   | S) PX=   | 10 0 0   |   |  |        |   | 01.0   |   |  |   |
|---|--|--|---|--|--|---|--|--------|---|--|---|--|---|
| 21  | 20   | 19   | 18  | 17   | 16   | 15  | 14   | Ь      | 13  | 12   | 1   | 10   | 9   |
| Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. | Painting on G.S sheet with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade. Old work (One or more coats) | Rremoving dry or oil bound distemper, water proofing cement paint and like by scrapping sand papering and preparing the surface smooth including necessary repairs to scratches etc. Complete. | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. | Providing and fixing nickel plated M.S. Pipe curtain rods with nickel plated brakets 20 mm dia | Providing & fixing decorative high pressure laminated sheet of plain/ wood grain in gloss/ matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS: 2046 Types, including cost of adhesive of approved quality 1.5 mm thick. | Providing and fixing teak wood lipping of size 18x5 mm in pelmet. including carriage of material in all leads and lifts complete as per the direction of Engineer-in Charge | Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge. | 100 mm | Providing and fixing ISI marked oxidised M.S.handles conforming to IS: 4992 with necessary screws etc. Complete 125 mm. | Providing and fixing ISI marked oxidised M.S. Tower bolts black finish, (Barrel type) with necessary screws etc. Complete 250x10 mm. | Providing and fixing ISI marked oxidised M.S. Sliding door bolts with nuts and screws etc. Complete.300x16 mm | Providing and fixing plywood lining with butt, jointing and nails 6 mm thick | Providing and fixing 19mm thick water proof HDHMR (both side laminated) board in shelves/ box for cup boards i/c fixing with nickel plated piano hinges with screws etc complete. |
| 203.44  | 154  | 203.44   | 176.25  | 17.10  | 16.00  | 42.15   | 96.00  | 48.00  | 4.00  | 4.00   | 2.00  | 24.00  | 73.35   |
| Sqm   | mbs  | Sqm  | Sqm   | Rmt  | Sqm  | Rmt   | Each   | Each   | Each  | Each   | Each  | Sqm  | Sqm   |
|   |  | 1  |   |  | i -  |   |  |        |   |  |   | y<br>e   | 1   |
|   | = 1  | -  |   |  | VZ.  |   |  |        |   |  |   |  |   |
| Per Square<br>Metre   | Per Square<br>Metre  | Per Square<br>Metre  | Per Square<br>Metre   | per running<br>metre   | Per Square<br>Metre  | Each  | Each   | Each   | Each  | Each   | Each  | Per Square<br>Metre  | Per Square<br>Metre   |
|   |  |  |   |  |  |   |  |        |   |  |   | Ф  | ri.   |

| Đ, |           |   | A PROPERTY OF   | -         |  |  |  |
|----|-----------|---|---|-----------|--|--|--|
|    |           |   | 25  |           | 24   | 23   | 3  |
|    | Total Rs. |   | Providing and fixing Stainless Steel A ISI 304 (1070) Kildlett Silk as Policis: 13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required Kitchen sink with drain board | & stoping | Painting two coats(excluding priming coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering | work (Two or more coats applied @ 3.84 kg / 10 Sqm Finishing walls with Acrylic Smooth exterior paint of required shade brand and manufacture for interior grade on undecorated on crete / stone / plastered wall surfaces to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth including applying of putty a required for metling the surface | Finishing walls with water proofing cement paint of required shade New |
|    |           |   | 1   |           | 106.15   | 47.55  | 116.07   |
|    |           |   |   | Fach      | Sqm  | Sqm  | Sam  |
|    |           |   | Ī   |           |  | # F  |  |
|    |           |   |   |           |  |  | .1   |
|    |           |   |   | Each      | Per square<br>Metre  | Metre Per Square Metre   | Per Square   |
|    |           | 0 | 1   |           | ,  |  |  |

Executive Engineer, Shimla Rural Division, HPROD. Dhami, fan

| Name Of Work :- Improvement of black spot on Ghanahatti to Bhajoi road km. 0/00 to |                          |                              |
|--|--------------------------|------------------------------|
| Time: One Months.  | Earnest Money:- 10000.00 | Ectimated Cost:- 4,78,826.00 |

|               |                    |          |            | 100         | 1000       |   |         |
|---------------|--------------------|----------|------------|-------------|------------|---|---------|
|               |                    |          |            | Total Re    | Tota       |   |         |
| =             |                    |          |            |             |            |   |         |
|               |                    |          |            |             |            |   |         |
|               |                    |          |            |             |            |   |         |
|               |                    |          |            |             |            | to be duly compensated by him in all respects.  |         |
|               |                    |          |            |             | -17        | of execution shall be the absolute responsibility of the contractor which shall have  |         |
|               |                    |          |            |             |            | metre shall be efacted any loss to the public and private property during the course  |         |
|               |                    |          |            |             |            | cases recovered from the contracto @300/-( one hundred seventy only) per cubic        |         |
|               |                    |          |            |             |            | proportionately increase/decrease as the gty, of earth work increase/ decreas in all  |         |
|               |                    |          |            |             |            | IW one ten of SR and one six of HR one Third .= 312.15 cum qty, which shall be        |         |
|               |                    |          |            |             |            | sorted out and stacked along road side, which shall not be less than one tenth of     |         |
|               |                    |          |            |             |            | the cost of useful materials such as stones shingles aggregates and slates shall be   |         |
|               |                    |          |            |             |            | necessary to complete the work by mechanized means and labour (if any required).      |         |
|               |                    |          |            |             |            | machineries, materials, tools equipments and safety measures and incidentals          |         |
|               |                    |          |            |             |            | load or mechanical means along with its leveling fine dressing and all lobour.        |         |
|               |                    |          |            |             |            | dumping sites through all modes of transportation including head load, animal         |         |
|               |                    |          |            |             |            | then disposing of surplus excavated earth in acquired width of road or on approved    |         |
|               |                    |          |            |             |            | embankments for graces improvements and leveling to the required grades and           |         |
|               |                    |          |            |             |            | lifts and transportation of the unuseful materials for filling in road ways.          |         |
|               |                    |          |            |             |            | and sorting out useful an asetul materials and stacking the same in all leads and     |         |
|               |                    |          |            |             |            | HP PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-I             |         |
|               |                    |          |            |             |            | shown on the drawing as directed by the Engineer-in-Charge at site according to       |         |
|               |                    |          |            |             |            | setting to the required line, grades, side slopes trimming bottoms and level as       |         |
|               |                    |          |            |             |            | intermediate classification of soil including, dewatering where ever required.        |         |
|               |                    |          |            |             |            | with chiseling/ wedging out of rock (where blasting is prohibited) and their          |         |
|               |                    |          |            |             |            | saturated soil comprising of pick, jumper, blasting work both in soft and hard rock   | , i     |
|               | Per cubic illinor  |          |            | Cum         | 1248.6     | Course in earth work in all become and denthe in all binds of soil including          | 4       |
|               | 1                  | 6        | 5          | 4           | w          | 2   | _       |
| $\infty$      | 1                  | In words | in figures |             |            |   |         |
|               | Cities             |          | Nate       |             | No.of Qty. | Description of Work   | S.No    |
| Amount        | Ilnit              |          | Data       |             |            |   |         |
|               |                    |          |            |             |            | 14/00 (SH:- Formation cutting at Rd. 8/195 to 8/295)                                  | 14/00 ( |
| e Months.     | Time:- One Months. |          | 7 2111.0/  | Hajor Load  | ahatu to b | Name Of Work :- Improvement of black spot on Ghanahatti to bhajoi i oad Siii. 0/00 to | Name 0  |
| olley. Tooss. | Earnest Money 100  |          | 1 km 0/6   | ובחיו [חיוה | 1          |   | 1       |

Exacutive Engineer Shippla Rural Divisi HPRIVD Dhami

| Total Rs. | Cutting in earth work in all heights and depths in all kinds of seil including saturates sed comprising of pick jumper. Basting work both in soft and hard reck with chiseling wedging out of rock twhere Blasting is prohibited) and their intermediate classification of soil including, dewatering where ever required, senting to the required line, grades, side slopes firmining bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to tif? PWD prescrictations of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out is ediblian-useful materials and stacking the same in all leads and distant and statistication of the unuseful materials for filling in road ways, embankments for grades improvements and leveling to the required grades and date unspressing of surplus exeavated earth in acquired width of road eron approved dumping sites through all modes of transportation including head load, animal load or mechanical means along with its leveling time dressing and all lobour. machineries, materials, tools equipments and safety measures and inclientals necessary to complete the work by mechanized means and labour (if any required) the cost of useful materials such as stones, shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one tent of SR and one six of HR can Third. = 322.45 cum qty, which shall be proportionately increase/decrease as the qty of earth work increase/ decreas in all cases recovered from the contracto @300/-t one hundred seventy only) per cubic metre shall be the absolute responsibility of the contractor which shall have to be duly compensated by him in all respects. | 1 2 3 | No.01 Qty. | Schedule (spot on Ghana)<br>/295 to 8/395)                                 |
|-----------|--|-------|------------|--|
| Rs.       | Cum  | 4 5   | In figures |  |
|           |  | 6     | In words   | /00 to   |
|           | Per cubic metre  | 7     | Unit       | Estimated Cost:- 4,9 Earnest Money:- 100 Time:- One Months                 |
|           |  | 8     | Allount    | Estimated Cost:- 4,94,655.00  Earnest Money:- 10000.00  Time:- One Months. |



|           |  | 1 | S.No                | Name 01<br>14/00 (3   |
|-----------|--|---|---------------------|---|
|           | cutting in earth work in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper, blasting work both in soft and hard rock with chiseling/wedging out of rock (where blasting is prohibited) and their retermediate classification of soil including, dewatering where ever required setting to the required line, grades, side slopes trimming bottoms and level as shown on the drawing as directed by the Engineer-in-Charge at site according to IIP PWD specifications of 1990 (One thousand Nine hundred Ninety) Volume-1 and sorting out useful/un-useful materials and stacking the same in all leads and then disposing of surplus excavated earth in acquired width of road or on approved dumping site-through all modes of transportation including head had, animal load or mechanical means along with its leveling fine dressing and all lobour machineries, materials, tools equipments and safety measures and incidentals necessary to complete the work by mechanized means and labour (if any required), the cost of useful materials such as stones shingles, aggregates and slates shall be sorted out and stacked along road side, which shall not be less than one tenth of JW, one ten-of-SR and one six of HR one Third. = 324.45 cum qty, which shall be proportionately increase/decrease as the qty, of earth work increase/ decreas in all cases recovered from the contracto @300/-( one hundred seventy only) per cubic metre shall be che absolute responsibility of the contractor which shall have to be duly compensated by him in all respects. | 2 | Description of Work | Schedule Of Quantity Name Of Work:- Improvement of black spot on Ghanahatti to Bhajol road 14/00 (SH:- Formation cutting at Rd. 9/375 to 9/525) |
| Tota      | 1297.8   | ω | No.of Qty.          | Of Quant<br>hatti to B  |
| Total Rs. | Cum  | 4 |                     | ity<br>hajol roac   |
|           |  | 5 | Rate<br>In figures  | d km. 0/00 to   |
|           |  | 6 | In words            | )0 to   |
|           | Per cubic metre  | 7 | Unit                | Estimated Cost:- 4,9 Earnest Money:- 10 Time:- One Months   |
|           | 5  | 8 | Amount              | Estimated Cost:- 4,97,700.00  Earnest Money:- 10000.00  Time:- One Months.  |

Executive Engineer
Shippla Rural Diviet
HROWD Dhaml

## Draft SCHEDULE OF QUANTITY

Description of work Qty. Unit Figure RATE In Earnest Mor Time Limit: Two Months. Estimated C Words AMOUNT 474974.00 Rs. 9500.00

Job No.

Name of work: - Improvement of black spot on Banooti Pahal road KM 0/00 to 10/825(SH:-Providing and fixing railing W-metal crash beam barrier in different roads at RDs in 9/625 to 9/735).

| parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / weedging out rocks (where blasting is prohibeted) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all lead and lifts including dressing of sides and bottom and backfilling in trenches with excavated suitable material. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming, filling and laying cement concrete work 12:4 (one ement: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost of form work and reinforcement as per H?P.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all incidents of size 150 x 75 x 5 mm made of ISI Marked HR Coil confirming to IS: 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil confirming to IS: 5986/2011. All the above components shall confirm at road / site of work, spacer shall be hot dipped galvanized with zinc coating (realfirmed 2011) for bolts and nuts IS 14393/1996 ( | יייייייייייייייייייייייייייייייייייייי |
|--|--|
|  | 76 (Re                                 |
|  | T&H                                    |
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|  |  |
|  | 2011 Met                               |
|  |  |
|  | 1 W 110.000 m Per                      |
|  | <u> </u>                               |
|  |  |
|  |  |
|  |  |
|  | gate 12.470 m3 Per                     |
|  | ning,                                  |
|  | able                                   |
|  | of hill                                |
|  | ssary                                  |
|  | vated                                  |
|  | sposal er                              |
| parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard chiesling / wedging out rocks (where blasting is prohibeted) as per drawing and technical specification to lines and grades. Dimesions and other particulars as per drawing and Technical Specification.  |  |
| parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard chiesling / wedging out rocks (where blasting is prohibeted) as per drawing and technical specific  |  |
| parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard   |  |
| Lai limork in excavation for all type of road structures uch as retaining wall, breast wall, culvert, drain  |  |
|  | n and 12.470 m3   Per                  |



Page 1

### Draft SCHEDULE OF QUANTITY

Job No. Description of work Unit Figure RATE In Time Limit: Two Months. Estimated C Earnest Mor Words AMOUNT 474974.00 Rs. 9500.00

crash beam barrier in different roads at RDs in 9/515 to 9/625). Name of work: - Improvement of black spot on Banooti Pahal road KM 0/00 to 10/825(SH:-Providing and fixing railing W-metal

| 3 Program ar ch  | 2 Pr<br>2(<br>of<br>ar  | su<br>si<br>si<br>ex   | chi<br>tru<br>Cli  | 1 Eau  |
|--|---|--|--|--|
| Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil confirming to IS: 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil confirming to IS: 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil confirming to IS: 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating ( reaffirmed 2011) for bolts and nuts IS 14393/1996 (Reaffirmed 2011) including carriage of all labour, equipments and materials to various location through all  | Providing and laying cement concrete work 1:2:4 (one cment: two sand: four graded stone aggregate Providing and laying cement concrete work 1:2:4 (one cment: two sand: four graded stone aggregate 20mm (twenty millimeter) nominal size) in foundation and plinth, and curing complete excluding cost of form work and reinforcement as per HP.PWD specification, including carriage of all labour equipment and material to various location through all modes of transportation in all lead and lift, including all | suitable material. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor), trimming,  | chiesling / wedging out rocks (where blasting is prohibeted) as per drawing and technical specification true to lines and grades. Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) and 1606.1(One six zero six point one) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal | Earthwork in excavation for all type of road structures uch as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock |
| d erecting to having to having to having to have to ha | d laying of millimet y millimet and reinforto various   | and litts in erial. All gainst soil toking of naterials in   | edging out<br>and grade<br>and grade<br>(Three hu<br>tion of sho   | excavation   |
| single sidulickness of de of ISLN size 150 size 150 centre of the convergence of the covergence of the | er) nominarcement a   | work of work of erosions, naterials uspecified   | rocks (w<br>s. Dimesi<br>s. dred Fiv<br>ndred Fiv<br>oring and l   | for all type of classi   |
| ed single f 3mm (ur Aarked HR (75 x 5 m he post whe he post when d level. It the about | al size) in al size) in s per HP.I through a  | ressing of excavation damage to seful for comanners to   | here blasti<br>ons and o<br>on point On<br>oracing, re   | ne of road   |
| "W" meta Coil conf m made o hich will bear 150 x 75 150 x 75 yve compo fittings req g ( reaffir our, equip   | k 1:2:4 (c<br>foundati<br>WD spec   | by blast hill side, onstruction dumping  | ng is prolither particular and 16 moval of   | structures<br>f soil com   |
| Providing and erecting single sided single "W" metal beam crass Profile section having thickness of 3mm (un coated thickness) wis Profile section having thickness of 3mm (un coated thickness) wis and length 4318mm made of ISI Marked HR Coil confirming to IS and length 4318mm made of ISI Marked HR Coil confirming to IS spaced 1.5 m centre to centre of the post which will be of total 1 level and 0.70 meter above ground level. Metal beam rail to be level and 0.70 meter above ground level. Metal beam rail to be confirming to IS: 5986/2011. All the above components shall specifications (latest revision) including all fittings required for erespectively specifications (latest revision) including all fittings required 2011) be hot dipped galvanized with zinc coating (reaffirmed 2011) affirmed 2011) including carriage of all labour, equipments and  | ne cment:<br>on and pl<br>ification, i  | bottom an ing shall water poll at suitable site (to be site monit  | nibeted) as culars as post-  | uch as reta  |
| Providing and erecting single sided single "W" metal beam crash barrier comprising of cold formed W Profile section having thickness of 3mm (un coated thickness) with frame width of 311 mm depth 83mm and length 4318mm made of ISI Marked HR Coil confirming to IS: 5986/2011 to be fixed on cold formed channel section post of size 150 x 75 x 5 mm made of ISI Marked HR Coil confirming to IS: 5986/2011 spaced 1.5 m centre to centre of the post which will be of total 1.8 m height, 1.1 m below ground / road level and 0.70 meter above ground level. Metal beam rail to be fixed on the vertical post with spacer channel of cold formed channel section size 150 x 75 x 5 mm, 330 mm long made of ISI Marked HR Coil confirming to IS: 5986/2011. All the above components shall confirm to clause 810 of MORT&H Specifications (latest revision) including all fittings required for erection at road / site of work, spacer shall be hot dipped galvanized with zinc coating ( reaffirmed 2011) for bolts and nuts IS 14393/1996 (Re affirmed 2011) including carriage of all labour, equipments and materials to various location through all   | two sand inth, and of including criation in   | be carried utions etc. utions etc. le sites and le arranged  | per drawin<br>per drawin<br>per drawin<br>six zero s<br>d other de   | aining wall  |
| comprising width of 3 011 to be 1 011 to be 1 il confirming ght, 1.1 m in the verti to clause road / site and nuts to various  | t four gracuring com  | ing in ten   | ing and tec<br>g and Tec<br>g and or<br>ix point or<br>leterious m   | , breast wa  |
| g of cold<br>11 mm de<br>fixed on cc<br>ng to IS: :<br>below gro<br>cal post w<br>ISI Marke<br>810 of N<br>of work, sp<br>IS 14393,<br>location t  | ded stone<br>aplete excluall labour of all labour of all inc  | cites with categories all otect stabil of unsubstal of un | chnical spe<br>hnical Spe<br>hnical Spe<br>hnical spe<br>ne) includi<br>naterial and   | ll, culvert,   |
| formed Wpth 83mm bld formed 5986/2011 und / road ith spacer d HR Coil MORT&H sacer shall /1996 (Re hrough all  | aggregate uding cost equipment luding all   | necessary<br>lity of hill<br>erviceable<br>trimming,   | ecification<br>ecification<br>ng setting<br>d disposal   | drain and<br>hard rock   |
| 110.000 m  | 12.47   | 25.7   |  | 12.47  |
|  | 12.470 m3 P   |  | e X c (  | 2.470 m3 P   |
| Per<br>Runi<br>ng<br>Met<br>er   | Per<br>cubic<br>meter   | 9  | er er  | Per<br>Cuhi  |
|  |   |  |  |  |
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Executive Engineer, shall Rural Division

Page 1

DRAFT SCHEDULE OF QUANTITY

|        | V           |                                  |         |      |       |   |    |
|--------|-------------|----------------------------------|---------|------|-------|---|----|
|        |             |                                  |         |      |       | upto all leads and lifts as per the direction of Engineer in-Charge.  |    |
|        | <u> </u>    |                                  |         | •    |       | return wall with 100 mm dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing face complete as per drawing and technical specification. Including carriage of material |    |
|        |             |                                  | 3       | Rmt. | 92.50 | Providing weapholes in brick masonry I stone masonry Iplain reinforced concrete abutment, wing wall,  | w  |
|        |             |                                  |         |      |       | as per the directions of Engineer-in-Charge.  |    |
|        |             |                                  |         |      |       | sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts   |    |
|        |             |                                  |         |      | ٠     | drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement: 5   |    |
|        | 71          |                                  |         | Cum  | 54.00 | Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per  | 2  |
|        |             |                                  |         |      |       | MORD specification directed by Engineer-in Charge.  |    |
|        |             |                                  |         |      |       | Specification Clause 1603.1 and other deletorius materials and disposal upto all leads and lifts as per   |    |
|        |             |                                  |         |      |       | disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical   |    |
|        |             |                                  | (*      | Cum  | 33.00 | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and  | -  |
| 7      | 6           | 5                                | 4       |      | 3     | 2   | -  |
|        |             | In words                         | figures |      |       |   | o. |
| Amount | Unit        | Rate in                          |         | .    | City. | Sub head and items of work  | ý  |
|        | Two Month   | Time: -                          |         |      |       |   |    |
| Try    | S. 4000 /-o | Earnest Money: - Rs. 4000 I-only |         |      |       | at R.D. 4/195 to 4/220 )  |    |
| ·      |             |                                  |         |      |       |   |    |

Note: (i) All the material will procured by the contractor him self.

|             | -             |  |             |                    |   | -   |
|-------------|---------------|--|-------------|--------------------|---|-----|
|             |               |  |             |                    | direction of Engineer -in- Charge.  |     |
|             | Metre         | ***  |             |                    | 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the           |     |
|             | Square        |  |             |                    | providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause           |     |
|             | Per           |  |             | 336.87 Sqm.        | Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by 336.87 | ــ  |
| 7           | ō             | S1   | 4           | ယ                  | 2   | -   |
|             |               | In words   | figures     |                    |   | No. |
| Amount      | Unit          | Rate   | 70          | Qty.               | Sub head and items of work  | 5 . |
|             | One Month     | Time: -  |             |                    |   | ?   |
| 00 /-only   | y : - Rs. 300 | Earnest Money : - Rs. 3000 /-only                        |             |                    | Holes in Km. 0/00 to 0/450) Balance Work  |     |
| 653 /- only | st: - Rs 125  | (Sh: Repair of Pot   Estimated Cost: - Rs 125653 /- only | pair of Pot | 0 to 0/450 (Sh: Re | Name of Work: - Annual Repair and Maintenance on Link Road to Rest House Road Km. 0/00 to 0/450     | Na  |

Note : (i) All the material will procured by the contractor him self.

Executive Engineer Shimia Rural Dival

|        | -  |  |  |                        |  |   |  |  |          |        |                            |  |  |   |
|--------|----|--|--|------------------------|--|---|--|--|----------|--------|----------------------------|--|--|---|
|        | c  |  | 2  |                        |  |   |  | _  | ]-       |        | 5 .                        | ç  |  | Nam   |
|        |    | providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer -in- Charge. | Repair to pot holes and removal of loose material trimming of sides stored | of Engineer-in-Charge. | compacting to the required density Grading 3 as per Technical Specification Clause 405. By | and brooming, stone screening to fill-up the interstines of coarse and camber, applying | bound macadam specification including spreading in uniform thickness, hand packing | Providing, laying, spreading and compacting stone appreciates of specific sizes to the stone appreciate sizes to the specific sizes to the stone appreciate sizes to the specific sizes to t | 2        | 2000/  | Sub head and items of work | B/W Rds. 0/00 to 1/600) Balance work Job No. 1 | Repair and Maintenance on Ratanpur to Bathmana Road Km. 0/00 to 1/600 (Sh: Repair of Pot Holas Estimated Control of Shear Shea | e of Work: Applied F. A. SCHEDULE OF QUANTITY |
|        | 20 | 450.00 Sqm.  | Š,   |                        |  |   | 4.01 Cum   | w  |          | Qty.   |                            |  | 1/600 (Sh: Renai   | •   |
|        |    | jii  |  |                        |  |   |  | 4  | figures  | -      |                            | . 0. 10.                                       | r of Pot Hole  |   |
|        |    |  |  |                        |  | 7   |  | CT.  | In words | Rate   | Time: -                    | Earnest Mor                                    | Estimated  |   |
| Total: |    | Per<br>Square<br>Metre   |  |                        |  | metre   | Per cubic  | 6  |          | Unit   | One Month                  | Earnest Money : - Rs. 4000 /-only              |  |   |
|        |    |  | # 1  |                        |  |   | - ,  | 7  |          | Amount |                            | 1672 /- only<br>00 /-only                      |  |   |
|        |    |  |  |                        |  |   |  |  | Ū        |        |                            |  |  |   |

Note : (i) All the material will procured by the contractor him self.



## Draft SCHEDULE OF QUANTITY

| 3   | N   |  |  |   | _                   |
|---|---|--|--|---|---------------------|
| Providing and Laying cement concrete 1:5:10 (one cement isto five sand isto ten graded stone aggregate 40mm) and mechanical mixed, vibrated and curing complete including the cost of farmwork for plain concrete in retaining walls, breast walls, the size of plum should be 150 to 300 mm as per drawing and HP.PWD technical / MORD specifications 800 & 1200 (eight zero zero & one two zero zero) & as directed by the Engineer in Charge including carriage of materials with in all leads and lifts and other | Earthwork in excavation for all type of road structures such as retaining wall, breast wall, culvert, drain and parapets etc. in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiesling / wedging out rocks (where blasting is prohibeted). Dimesions and other particulars as per drawing and Technical Specification Clause 305.1(Three hundred Five point One) including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and its disposal including dressing of sides and bottom and backfilling in trenches with excavated suitable material, trimming, filling of unevenness blindages and finishing of the road to specified dimensions. All work of excavation by blasting shall be carried out by taking all necessary precautions against soil erosions, damage to hill side, water pollutions etc., and to protect stability of hill side rock. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable excavated materials in specified manners to dumping site (to be arranged by the contractor) or as directed by the Engineer-in-Charge. Any | Excavation in soil in Hilly Area by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with in all lead and lift as per Technical Specification Clause 1603.1( one six zero three point one) and MORD specification including carriage of all labour equipment and materials to various location of site through all modes of transportations in all lead, lift and all incidental charges. all work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erossions, damage to hill side, water pollutions etc., and to protect stability of hill side rock work shall be executed with chiscling, wedging out rock, where blasting is prohibited). All earth work in excavation including rock excavation shall be carried out true to lines, grades, side slopes, width, camber super elevations and levels as shown on the drawing or as directed by the Engineer-in- Charge. Stacking of materials useful for construction at suitable sites and safe disposal of unserviceable cut materials in specified manners, trimming, filling of unevenness blindages and finishing of the road to specified dimensions at directed by the Engineer-in-Charge. If the foundation of the structure is in an area with | Frame of work: -A/K & M/O to Kheel ka Chaura Baggi road KM 0/00 to 12/00(SH:-C/O R/wall in KM 9/190 to 9/205). | Name of work: A/D & M/O & B/O & Draft Shedule of Quantity | Description of work |
| 134.550 m3  | 54.000 m3   | 33.150 m3  | all in KM 9  |   | Qty.                |
| m3  | ) m3  | m3   | 7/190 to 9/.   |   | Υ                   |
| Per<br>Cubi<br>c<br>Met   | Cubi<br>c<br>Met  | Per<br>Cubi<br>c<br>metr<br>e  | 205).  | I 🖳   | Unit                |
|   |   |  |  | Figure  |                     |
| _   |   |  | Estimated Cost: - Earnest Money: - Time limit : -  | Words   | RATE In             |
|   |   |  | 479875.00<br>10000.00<br>Two Month.  | Rs.   | AMOUNT              |

## Draft SCHEDULE OF QUANTITY

|  |  |   |   | -   | il.   |                                       |                     |  |
|--|--|---|---|---|---|---------------------------------------|---------------------|--|
|  | Ui   |   |   | 7%  | -   | 1                                     |                     |  |
| structure with 100mm (one hundred millimeter) dia PVC pipe extending through the full width of the structure with slope of 1:20 (One verticle isto twenty horizontal) towards drawing face complete as per drawing and MORD technical specification clause 614, 709, 1204.3.7(six hundred fourteen, seven hundred nine, one thousand two hundred four point three point seven) or as directed by the Engineer-in-Charge including carriage of materials with in all leads and lifts and other incidentals. | Providing weep holes in brick masonry/stone masonry/plain reinforced concrete abutment, wing wall, | of all labour equipment and materials to various location of site through all modes of transportations in all | specification clause 1204.3.8 (one thousand two hundred four point three point eight), including carriage | and parapets up to all heights, depths and levels complete as per drawings and MORD technical | wall and return wall, breast walls, retaining walls | Rackfilling of Granular motorial 1-1: | Description of work |  |
|  | 70.00 meter  |   |   |   | 22.50 m3  |                                       | Qty.                |  |
| Met  | Per  | 3 (   | , (   | 2   | Per   |                                       | U                   |  |
| et   | 4  | Met   | 101   | 3.  |   | Ŧ                                     | Unit                |  |
|  |  |   |   |   |   | Figure                                |                     |  |
|  |  |   |   |   |   | Words                                 | RATE In             |  |
|  |  |   |   |   |   | Rs.                                   | AMOUNT              |  |

Executive Engineer
Shimla Bural Division
HPPWB Dhami

| _     |  |   | 1         |                            |           |   |  |
|-------|--|---|-----------|----------------------------|-----------|---|--|
| c     | 0 0  | <u>ب</u> ــــ   | _         | No.                        | Sr        |   | Name   |
|       | repair to pot notes and removal of loose material, trimming of sides, cleaning of surface by 1300.20 Sqm. providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer -in- Charge. | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. | 2         | Sub head and items of work |           | Pot Holes in Km. 0/00 to 1/500 ) Job No3  | Name of Work: - Annual Repair and Maintenance on On Khol Ko Change Control of Section 1997 |
| . 17  | 1300.20 Sqm.   | 6.23 Cum  | 3         | Qty.                       |           | 1. 0/00 to 1/500 (s   | 0001   |
|       |  |   | Sainfir   | °,                         |           | to 1/500 (Sh: Repair of Estimated Cost: - Rs 498681 /- only<br>Earnest Money : - Rs. 10000 /-only |  |
| T I   |  | O   | Sulow III | Rate                       | Time: -   | Estimated Cost: - Rs 498681 /- only Earnest Money: - Rs. 10000 /-only                             |  |
| Total | Per<br>Square<br>Metre   | Per cubic<br>metre  | ,         | Unit                       | One Month | ost: - Rs 498<br>⊩ey : - Rs. 10   |  |
|       |  | 7   |           | Amount                     |           | 3681 /- only<br>000 /-only  |  |
|       |  |   |           |                            |           |   | 4  |

Note : (i) All the material will procured by the contractor him self.



| 2   | 0 2 0 0 3   |  |    | No.      | Sr.                        |           |  | Name o   | 1                   |
|---|---|--|----|----------|----------------------------|-----------|--|--|---------------------|
| Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by 1300.10 providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause 1904.2, 503 and 508.1 including carriage of material up to all leads and lifts as per the direction of Engineer -in- Charge. | and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, but the control of the contro | 2  |          | Sub head and items of work |           | B/W Rds. 0/00 to 11/135 ) Balance work Job No. 9 | Name of Work: - Annual Repair and Maintenance on Galog Nehra Okhroo Road Km. 0/00 to 11/135 (Sh.: Repair of Pot Holes   Estimated Cost Rs 498467 /- only | SCHEDOLE OF GOANIII |
| 1300.10 Sqm.  |   | 6.15 Cum   | သ  | 7        | Qty.                       |           |  | 1/135 (Sh: Repair  |                     |
|   |   |  | 4  | figures  | Ra                         |           |  | of Pot Holes   |                     |
|   |   |  | G, | In words | Rate                       | Time: -   | Earnest Money : - Rs. 10000 /-only               | Estimated Co   |                     |
| Square<br>Metre   |   | Per cubic<br>metre   | 6  |          | Unit                       | One Month | ey:-Rs. 10                                       | ost: - Rs 498  |                     |
|   |   |  | 7  |          | Amount                     |           | 1000 /-only                                      | 3467 /- only   |                     |

Note : (i) All the material will procured by the contractor him self.



| 1                                 | 2  | ــــــــــــــــــــــــــــــــــــــ  | - [       | Z : | Sr                         |        | 400000000000000000000000000000000000000           | Name   |   |
|-----------------------------------|--|---|-----------|-----|----------------------------|--------|---|--|---|
| direction of Engineer -in- Charge | Repair to pot holes and removal of loose material, trimming of sides, cleaning of surface by Providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and seal coat type B specification Clause providing tack coat, 20 mm thick pre-mix carpet and 20 mm thick pre-mix carp | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405. By Mechanical Means including carriage of material upto all leads and lifts as per the directions of Engineer-in-Charge. | 2         |     | Sub head and items of work |        | B/W Rds, 0/00 to 11/135 ) Balance work Job No. 10 | Name of Work: - Annual Repair and Maintenance on Galog Nehra Okhroo Road Km. 0/00 to 11/135 (Sn. | SCHEDOLE OF GOVERN  |
|                                   | 1300.10 Sqm.   | . 63  | ١         |     |                            | Ofv    |   | 1/135 (Sn. Kepan   | Mar Ich Danair  |
|                                   |  |   |           | 4   | figures                    | 20     | (Z)   | 01.00.000  | of Pot Holes  |
|                                   |  |   |           | S   | in words                   | Rate   | Time: -   | Earnest Mor  | . Panair of Pot Holes   Estimated Cost: - Rs 498467 7- Only |
| Total:                            | Square   | metre   | Per cubic | ð   |                            | Unit   | One Month   | Earnest Money: - Rs. 10000 /-only  | ost: - Rs 498   |
|                                   |  |   |           | 7   |                            | Amount |   | 000 /-only   | \$467 /- Only   |

Note : (i) All the material will procured by the contractor him self.

Executive-Engineer Shimla Rural Divisi

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| ï.          | Schedule Of Quantity   | ity        |          |                 | 200          | Estimated         | Estimated Cost:-4,99,290 |
|-------------|--|------------|----------|-----------------|--------------|-------------------|--------------------------|
| ne Of V     | Name Of Work: - Construction of Karvali to Shara Nallah road km. 0/0   | ad km. 0   | 00 to 5  | 0 to 5/00 (SH:- | -            | Earnest Mo        | Earnest Money:- 10000.00 |
| viding      | Providing and laying Preparation of sub grade, Consilidation of sub grade, and G-I, G-II, and G-   | n of sub   | grade, a | ind G-I, C      | i-II, and G: | Time:- One Months | e Months.                |
| n km.       | III, in km. 0/00 to 0/300)   |            |          | T 41            | =            |                   |                          |
| S.No        | Description of Work  | No.of Qty. | ty.      | Rate            |              | Unit              | Amount                   |
|             |  |            |          | In figures      | In words     |                   |                          |
|             | 2 2 3  | . 4        | *a       | 5               | 6            | 7                 | 8                        |
| 1<br>P      | Preparation of sub grade by dressing to combor (Earth work   | 1650       | Sqm      |                 | *            | Per Square        |                          |
| fc          | for the cutting involved for sub-grade to be paid for  |            |          |                 |              | meter             |                          |
| Ø           | separately depending upon the classification of soil   | 7-         | -        |                 |              |                   |                          |
| 00          | Completed as per HP.PWD specifications.  | 1650.00    | Sqm      |                 |              | Per Square        |                          |
| <u>o</u>    | good the undulation etc. with earth or quarry soil etc. and  |            |          |                 |              | meter             |                          |
| 7           | rerolling the sub-grade completed as per HP.PWD  |            |          |                 |              |                   |                          |
|             | 2  | 108.90     | Cum      |                 |              | Per cubic         |                          |
| ר מ         | - 1 T  |            |          |                 |              | metre             |                          |
| × S         | spreading in uniform thickness, hand packing, rolling with three   |            | 4.4      |                 |              |                   |                          |
| <u>.</u>    | camber, applying and brooming, stone screening/binding   |            |          |                 |              |                   |                          |
| <b>¬</b> (  | materials to fill-up the interstices of coarse aggregate, watering   |            |          |                 |              |                   |                          |
| <u> н</u> а | and compacting to the required density Grading 1 as per Technical Specification Clause 404.By Mechanical Means   |            |          |                 |              |                   |                          |
| 4 P         | Providing, laying, spreading and compacting stone aggregates of  | 79.2       | Cum      |                 | •            | Per cubic         |                          |
| S           | specific sizes to water bond macadom specification including  specific sizes to water bond macadom specification including   |            |          |                 | ,            |                   |                          |
| × . v       | wheel roller 80/100 KN in stages to proper grade and camber,   |            | Ť        |                 |              |                   |                          |
| עם          | applying and brooming, stone screening/binding materials to fill up  |            |          | , 10            |              |                   |                          |
| 3 6         | the interstices of course aggregate, watching and compared the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and compared to the interstices of course aggregate, watching and course aggregate aggregate. |            |          |                 |              |                   |                          |
| 4 1         | 405.using stone aggregate 53mm to 22.40mm including hauling of   | 1          | 71       |                 |              |                   |                          |
|             | direction of the Engineer-in-Charge.   |            |          |                 |              | 3. 2              |                          |

| В  |         | H 40  | re<br>4(  | ree 4(  | ap<br>th<br>ree<br>40  | ap th the the the the the the the the the   | sp<br>w<br>ap<br>th<br>th   | sp<br>w<br>ap<br>th<br>th  |
|--|---------|---|---|---|--|---|---|--|
| naterial in all leads and lifts as per the entire satisfaction and   | Total:- | 405.using stone aggregate 53mm to 22.40mm including hauling of material in all leads and lifts as per the entire satisfaction and | required dencity grading-III as per technical specification clause 405.using stone aggregate 53mm to 22.40mm including hauling o material in all leads and lifts as per the entire satisfaction and | the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405.using stone aggregate 53mm to 22.40mm including hauling o material in all leads and lifts as per the entire satisfaction and | applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405.using stone aggregate 53mm to 22.40mm including hauling of material in all leads and lifts as per the entire satisfaction and | heel roller 80/100 KN in stages to proper grade and camber, pplying and brooming, stone screening/binding materials to fill up in interstices of course aggregate, watering and compacting to the equired dencity grading-III as per technical specification clause 05.using stone aggregate 53mm to 22.40mm including hauling on terrial in all leads and lifts as per the entire satisfaction and | spreading in uniform thickness,hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405.using stone aggregate 53mm to 22.40mm including hauling o material in all leads and lifts as per the entire satisfaction and | specific sizes to water bond macadom specification including spreading in uniform thickness,hand packing, rolling with smooth wheel roller 80/100 KN in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the required dencity grading-III as per technical specification clause 405.using stone aggregate 53mm to 22.40mm including hauling o material in all leads and lifts as per the entire satisfaction and |
| The state of the s |         | cluding hauling of  | cification clause cluding hauling of  | compacting to the cification clause ncluding hauling of   | materials to fill up compacting to the cification clause cluding hauling of  | e and camber, materials to fill up compacting to the cification clause ccluding hauling of  | lling with smooth e and camber, materials to fill up compacting to the cification clause icluding hauling of  | on including lling with smooth e and camber, materials to fill up compacting to the cification clause cluding hauling of   |
|  |         |   |   | -   | -  | -   | -   | -  |
|  | 1       |   |   |   |  |   |   |  |
| _  |         |   |   |   |  |   |   |  |
|  |         |   |   |   |  |   |   |  |
|  |         |   |   |   |  |   |   | metre  |
|  | 499290  |   |   | 3.3   | 3.5  | 3.5   |   |  |

Reg. S. No. 127

Executive Engineer, Shimla Rural Division, HP,PWA Dhami.

|          | Schedule Of Quantity   | ad lm                |                   | 7/00/5                    |                     | Estimated  Farnest Mo | Estimated Cost:-4,99,290  Earnest Money:- 10000.00 |
|----------|--|----------------------|-------------------|---------------------------|---------------------|-----------------------|--|
| ame Of   | Name Of Work :- Construction of Karyali to Shara Nallah road km. 0/00 to 5/00 (SH:-<br>Providing and laving Prenaration of Kuryali to Shara Nallah road km. 0/00 to 5/00 (SH:- | oad km.<br>on of sul | 0/00 to<br>grade, | 5/00 (SH:-<br>and G-I, G- | l:-<br>G-II, and G- | Time:- One Months     | e Months.  |
| l, in km | III, in km. 0/300 to 0/60)   |                      |                   |                           |                     |                       |  |
| S.No     | Description of Work  | No.of Qty.           | f Qty.            | Rate                      |                     | Unit                  | Amount   |
|          |  |                      |                   | In figures                | In words            |                       |  |
| 1        | 2  | ω                    | 4                 | 5                         | 6                   | 7                     | 8  |
| _        | Preparation of sub grade by dressing to combor (Earth work   | 1650                 | mbS               |                           |                     | Per Square            |  |
|          | for the cutting involved for sub-grade to be paid for  |                      | 1                 |                           |                     | meter                 |  |
|          | separately depending upon the classification of soil   | Y                    |                   |                           |                     |                       |  |
|          | completed as per HP.PWD specifications.  |                      |                   |                           |                     |                       |  |
| 2        | Consolidation of sub grade with road roller including making   | 1650.00              | Sqm               |                           |                     | Per Square            |  |
|          | good the undulation etc. with earth or quarry soil etc. and  |                      |                   |                           |                     | meter                 |  |
|          | rerolling the sub-grade completed as per HP.PWD  |                      |                   |                           |                     |                       |  |
|          | specifications   |                      |                   |                           |                     | -                     |  |
| ω        | Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including  | 108.90               | Cum               |                           |                     | metre                 |  |
|          | spreading in uniform thickness, hand packing, rolling with three   |                      |                   |                           |                     |                       |  |
|          | wheel 80-100 kN static roller in stages to proper grade and  |                      |                   |                           |                     |                       |  |
|          | camber, applying and brooming, stone screening/binding   |                      |                   |                           |                     |                       |  |
|          | materials to fill-up the interstices of coarse aggregate, watering   |                      |                   |                           | •                   |                       |  |
|          | and compacting to the required density Grading 1 as per  |                      |                   |                           |                     |                       |  |
|          | Technical Specification Clause 404.By Mechanical Means   | l <sub>ze</sub>      |                   |                           |                     |                       |  |
| 4        | Providing, laying, spreading and compacting stone aggregates of  | 79.2                 | Cum               |                           |                     | Per cubic<br>metre    |  |
|          | spreading in uniform thickness,hand packing, rolling with smooth   |                      |                   |                           |                     |                       |  |
|          | wheel roller 80/100 KN in stages to proper grade and camber,   |                      |                   |                           |                     |                       |  |
|          | applying and brooming, stone screening/binding materials to fill up the interstices of course aggregate, watering and compacting to the  |                      |                   |                           |                     |                       |  |
|          | required dencity grading-II as per technical specification clause  |                      |                   |                           |                     |                       |  |
|          | 405.using stone aggregate 53mm to 22.40mm including hauling of   |                      |                   |                           | f                   |                       |  |
|          | direction of the Engineer-in-Charge.   |                      |                   |                           |                     |                       |  |

|           |     |     |      | Total:-   |     |
|-----------|-----|-----|------|---|-----|
|           |     |     |      |   |     |
|           |     |     |      | direction of the Engineer-in-Charge.                                |     |
|           |     |     |      | material in all leads and lifts as per the entire satisfaction and  |     |
|           |     |     |      | 405.using stone aggregate 53mm to 22.40mm including hauling of      |     |
|           |     |     |      | required dencity grading-III as per technical specification clause  |     |
|           |     |     |      | the interstices of course aggregate, watering and compacting to the |     |
|           |     |     |      | applying and brooming, stone screening/binding materials to fill up |     |
|           |     |     |      | wheel roller 80/100 KN in stages to proper grade and camber,        |     |
|           |     |     |      | spreading in uniform thickness, hand packing, rolling with smooth   |     |
| тепе      |     |     |      | specific sizes to water bond macadom specification including        |     |
| Per cubic | 200 | Cum | 79.2 | Providing, laying, spreading and compacting stone aggregates of     | Chi |

Executive Engineer, Shimla Rural Division, HP,PWW Dhami.

# SCHEDULE OF QUANTITY Name of Work: - Restoration of Rain damages on Thachi Seri Shalli Road Km. 0/00 to 3/00 (SH: Construction of R/Wall at Estimated Cost: -Rs 96316 /- only R.D. 0/330 to 0/335)

|     |  |        |      |         | 357      |                    |          |
|-----|--|--------|------|---------|----------|--------------------|----------|
| 'n  | Sub hoad and itoms of work   | aty.   |      | مج      | Rate     | Unit               | Amount   |
| No. |  |        |      | figures | in words |                    | 1 110000 |
| -   | 2  | သ      |      | 4       | 5        | 6                  | 7        |
| -   | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto 1.5 m and a lead upto 20 m as per drawing and Technical Specification Clause 1603.1   | 3.86 ( | Cum  |         |          | Per cubic<br>metre |          |
|     | and other deletorius materials and disposal upto all leads and lifts as per MORD specification directed by Engineer-<br>in Charge  |        | _    |         |          |                    |          |
| 2   | Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto all leads and   | 9,99 ( | Cum  |         |          | Per cubic metre    |          |
|     | lifts dressing of sides and bottom and backfilling in trenches with excavated suitabale material as per MORD specification directed by Engineer-in-Charge.   |        |      |         |          | N. C.              |          |
| ω   | Providing and Laying cement concrete for plain / reinforced conc. In open foundation complete as per drawing and technical specification clause-802, 803, 1202 & 1203 in Cement Concrete 1:5:10 (1 Cement : 5 sand: 10 graded stone Aggregate 40 mm nominal mix). Including carriage of material upto all leads and lifts as per the directions of | 24.95  | Cum  |         |          | Per cubic<br>metre |          |
| 4   | Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8, (I) Granular material, Including carriage of material within all leads upto leads as per the direction of   | 5.02 C | Cum  |         |          | Per cubic<br>metre |          |
| ,   |  |        | -    |         |          |                    |          |
| ć   | with 100 mm dia PVC pipe extending through the full with of the structures with slop of 1(v):20(H) towards drawing   | 2.40   | 7.17 |         |          | Metre              |          |
|     | face complete as per drawing and technical specification. Including carriage of material upto all leads and lifts as per the direction of Engineer -in-Charge.   |        |      |         | 120      | د جان              |          |
| 0   |  |        |      |         |          | Total:             |          |

Note: (i) All the material will procured by the contractor him self.



| sil Suni Distt. Shimla (HP) (SH:- mise repair in set No. 4) (VIP Set)    Vo.of Qty.  |         | Schedule Of Quantity  |            | -         |            |           | Estimated           | Estimated Cost:- 1,98,317 |
|--|---------|---|------------|-----------|------------|-----------|---------------------|---------------------------|
| viding and fixing wooden flooring, Cup board & othere mise repair in set No. 4) (VIP Set)  Description of Work  Description of Work  Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer in - charge.  A) Nominal concrete 13.6 or richer mix (lic equivalent design mix)  Providing and fixing wire gauge shutters using galvanised M.S. wire windows and clerestorey windows including bright finished black enamelled iron brings with necessary screws 40 mm thick in 2nd class decodar wood including carriage of materials within all leads and lifts and as per the direction of Engineer in-charge.  3 Providing and fixing 19mm thick HDHMR (both side laminated) board water proof shutter for cup boards /c fixing with nickel plated plano hinges with crews etc complete.  4 Providing and fixing 151 marked oxidised M.S. Siding door bots with nuls and screws etc. Complete 250x16 mm.  5 Providing and fixing 151 marked oxidised M.S. Siding door bots with nuls and screws etc. Complete 250x16 mm.  6 Providing and fixing 151 marked oxidised M.S. Inwert bots black finish, (Barriel box of bright finished 2000 mm motion took with 5 leves without pair  7 Pervaling and fixing 151 marked oxidised M.S. Inwert bots black finish, (Barriel box 5 mm.)  8 Providing and fixing 151 marked oxidised M.S. Inwert bots black finish, (Barriel box 5 mm.)  9 Providing and fixing 150 marked oxidised M.S. Inwert bots black finish, (Barriel box 5 mm.)  9 Providing and fixing 150 marked oxidised M.S. Inwert bots black finish, (Barriel 5 mm.)  9 Providing and fixing 150 marked oxidised M.S. Inwert bots black finish, (Barriel 5 mm.)  9 Providing and fixing 150 mother in charge.   | Name 0  | fWork :- A/R & M/O PWD Rest House at Jalog Teh  | sil Suni l | Distt. Sh | imla (HP   | ) (SH:-   | Earnest M           | oney:- 4000.00            |
| Description of Work    No.of Qty.   Rate   Unit  | Providi | ng and fixing wooden flooring, Cup board & othere   | mise rej   | pair in s | et No. 4)  | (VIP Set) | Time:- Tw           | 70 Months.                |
| Demolishing cement concrete manually/ by mechanical means including disposal of malerial within 50 melres lead as per direction of Engineer in - charge.   A) Nominal concrete 13.6 or richer mix (i/o equivalent design mix)   3   4   5   6   7   7   7   Providing and fixing 151 marked oxidised M.S. Silding door bolts with nate of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron thinges with necessary screws 4.41   Sqm   Per Square gauge of 1.5, gauge designation 85 G, with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron thinges with necessary screws 4.41   Sqm   Per Square metre windows and clerestorey windows including bright finished black enamelled iron thinges with necessary screws 4.41   Sqm   Per Square metre windows and clerestorey windows and fixing 15mm thick hDHMR (both side laminated) bard water proof shutter for cup boards i/c fixing with nickel plated plano hinges with screws etc. Complete.  4 Providing and fixing 15mm thick water proof HDHMR (both side laminated) bard water providing and fixing 15mm though with nickel plated plano hinges with screws etc. Complete 250x16 mm.  5 Providing and fixing 15l marked oxidised M.S. Silding door boths with nuds and screws etc. Complete 250x16 mm.  6 Providing and fixing 15l marked oxidised M.S. Tower both back finish, (Barrel Uppe) with necessary screws etc. Complete 250x16 mm.  7 Providing and fixing 15l marked oxidised M.S. Tower both back finish, (Barrel Uppe) with necessary screws etc. Complete 125 mm.  8 Providing and fixing 15l marked oxidised M.S. Tower both back finish, (Barrel Uppe) with necessary screws etc. Complete 250x16 mm.  8 Providing and fixing 15l marked oxidised M.S. Tower both back finish, (Barrel Uppe) with necessary screws etc. Complete 250x16 mm.  8 Providing and fixing 15l marked oxidised M.S. Tower both oxidised M.S. Back Back Back Back Back Back Back Back   |         |   |            | go.       | =          |           |                     |                           |
| Demoishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.  A) Nominal concrete 1:35 or richer mix (i/c equivalent design mix)  Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G, with wire of dia 0.56 mm for doors windows and cherestorey windows including bright finished black enamelled from hinges with necessary screws 40 mm thick in 2nd class decidar wood including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge.  A Providing and fixing 19mm thick HDHMR (both side laminated) board water proof shutter for cup boards i/c fixing with nickel plated plano hinges with screws et complete.  A Providing and fixing 19mm thick water proof HDHMR (both side laminated) board water with screws et complete.  B Providing and fixing 19m anked oxidised M.S. Siding door boths with nuts and screws etc. Complete 250x10 mm.  B Providing and fixing 15 marked oxidised M.S. Siding door boths with nuts and screws etc. Complete 250x10 mm.  B Providing and fixing 13 marked oxidised M.S. Siding door boths with nuts and screws etc. Complete 250x10 mm.  B Providing and fixing 15 marked oxidised M.S. Tower bolts back finish, (Barrel Land)  B Providing and fixing 10 marked oxidised M.S. Siding door boths with nuts and screws etc. Complete 250x10 mm.  B Providing and fixing 10 marked oxidised M.S. Tower bolts back finish, (Barrel Land)  B Providing and fixing 10 marked oxidised M.S. Siding boor boths with nuts and screws etc. Complete 250x10 mm.  B Providing and fixing 10 marked oxidised M.S. Tower bolts back finish, (Barrel Land)  B Providing and fixing 10 marked oxidised M.S. Siding both parts and screws etc. Complete 250x10 mm.  B Providing and fixing 10 marked oxidised M.S. Siding both parts and screws etc. Complete 250x10 mm.  B Providing and fixing 10 marked oxidised M.S. Siding both parts and screws etc. Complete 250x10 mm.  B Each Each Each  | S.No    |   | No.of Qty. |           | Rate       |           | Unit                | Amount                    |
| Demolishing carment concrete manually by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.  A) Nominal concrete 13.6 or richer mix (i/o equivalent design mix)  Providing and fixing wire gauge shutters using galwanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enameled into hinges with necessary screws 40 mm thick in 2 rad class deodar wood including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge.  Providing and fixing 19mm thick HDHMR (both side laminated) board water proof shutter for cup boards i/c fixing with nickel plated plano hinges with screws etc complete.  Providing and fixing 15mm thick water proof HDHMR (both side laminated) board water with screws etc complete sect complete.  Providing and fixing ISI marked oxidised M.S. Tower boils black finish, (Barrel type) with necessary screws etc. Complete 250x/10 mm.  Providing and fixing ISI marked oxidised M.S. Tower boils black finish, (Barrel type) with necessary screws etc. Complete 250x/10 mm.  Providing and fixing ISI marked oxidised M.S. Tower boils black finish, (Barrel type) with necessary screws etc. Complete 250x/10 mm.  Providing and fixing ISI marked oxidised M.S. Tower boils black finish, (Barrel 4.00 Each Each Each tommeres etc. Complete 125 mm.  B providing and fixing ISI marked oxidised M.S. Tower boils black finish, (Barrel 4.00 Each Each Each tommeres etc. Complete 250x/10 mm.  B providing and fixing ISI marked oxidised M.S. Tower boils black finish, (Barrel 4.00 Each Each Each tommeres etc. Complete 750x for mm.  |         |   |            |           | In figures | In words  |                     |                           |
| Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  A) Nominal concrete 1:3:6 or richer mix (Vc equivalent design mix)  B) Providing and fixing 1:5 marked oxidised M.S. Sliding and nails 6 mm thick  B) Providing and fixing 1:5 marked oxidised M.S. Sliding door bolts with nuts and 2.00 Each  B) Providing and fixing 1:5 marked oxidised M.S. Tower bolts black finish, (Barrel 4.00 Each  C) Each  C) Each  B) Providing and fixing 1:5 marked oxidised M.S. Sliding door bolts with nuts and 2.00 Each  C) Each  C | 1       |   | 3          | 4         | υ          | 6         | 7                   | 8                         |
| Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws etc. Complete 125 mm.  Providing and fixing 19mm thick HDHMR (both side laminated) board water proof shutter for cup boards i/c fixing with nickel plated plano hinges with screws etc complete.  Providing and fixing 19mm thick water proof HDHMR (both side laminated) board in shelves/ box for cup boards i/c fixing with nickel plated plano hinges with screws etc complete.  Providing and fixing 19mm thick water proof HDHMR (both side laminated) 9.60 Sqm board in shelves/ box for cup boards i/c fixing with nickel plated plano hinges with screws etc. Complete.  Providing and fixing plywood lining with butt, jointing and nalls 6 mm thick 4.00 Sqm board in shelves/ box for cup boards i/c fixing with nickel plated plano hinges with screws etc. Complete 300x16 mm  Providing and fixing 1SI marked oxidised M.S. Siding door botts with nuts and 2.00 Sqm board in shelves/ box screws etc. Complete 250x10 mm.  Providing and fixing 1SI marked oxidised M.S. Tower bolts black finish, (Barrel 4.00 Each 100 mm honocessary screws etc. Complete 250x10 mm.  B Providing and fixing bright finished 100 mm monice lock with 6 levers without pair 5.00 Each 6.00 Each 6.0 | 1       | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.  A) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)   | 0.91       | Cum       |            |           | Per cubic<br>metre  |                           |
| Providing and fixing 19mm thick HDHMR (both side laminated) board water proof shutter for cup boards i/c fixing with nickel plated piano hinges with screws etc complete.  Providing and fixing 19mm thick water proof HDHMR (both side laminated) 9.60 Sqm board in shelves/ box for cup boards i/c fixing with nickel plated piano hinges with screws etc complete.  Providing and fixing 19mwood lining with butt, jointing and nails 6 mm thick 4.00 Sqm  Providing and fixing ISI marked oxidised M.S. Sliding door bolts with nuts and screws etc. Complete .300x16 mm  Providing and fixing ISI marked oxidised M.S. Tower bolts black finish, (Barrel type) with necessary screws etc. Complete 250x10 mm.  Providing and fixing ISI marked oxidised M.S. handles conforming to IS: 4992 with 4.00 Each necessary screws etc. Complete 125 mm.  B Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete in charge.   | ٧       | Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of I.S. gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestorey windows including bright finished black enamelled iron hinges with necessary screws. 40 mm thick in 2nd class deodar wood including carriage of materials within all leads and lifts and as per the direction of Engineer-in-Charge. | 4.41       | Sqm       |            |           | Per Square<br>Metre |                           |
| Providing and fixing 19mm thick water proof HDHMR (both side laminated) board in shelves/ box for cup boards i/c fixing with nickel plated piano hinges with screws etc complete.  Providing and fixing ISI marked oxidised M.S. Sliding door bolts with nuts and screws etc. Complete. 300x16 mm Providing and fixing ISI marked oxidised M.S. Tower bolts black finish, (Barrel type) with necessary screws etc. Complete 250x10 mm. Providing and fixing ISI marked oxidised M.S. handles conforming to IS: 4992 with necessary screws etc. Complete 125 mm.  Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.  | ω       | Providing and fixing 19mm thick HDHMR (both side laminated) board water proof shutter for cup boards I/c fixing with nickel plated piano hinges with  | 4.000      | Sqm       |            |           | Per Square<br>Metre |                           |
| Providing and fixing plywood lining with butt, jointing and nails 6 mm thick 4.00 Sqm  Providing and fixing ISI marked oxidised M.S. Sliding door bolts with nuts and screws etc. Complete 300x16 mm  Providing and fixing ISI marked oxidised M.S. Tower bolts black finish, (Barrel type) with necessary screws etc. Complete 250x10 mm.  Providing and fixing ISI marked oxidised M.S. handles conforming to IS: 4992 with 4.00 Each necessary screws etc. Complete 125 mm.  Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.   | 4       | Providing and fixing 19mm thick water proof HDHMR (both side laminated) board in shelves/ box for cup boards i/c fixing with nickel plated piano hinges   | 9.60       | Sqm       |            |           | Per Square<br>Metre |                           |
| Providing and fixing ISI marked oxidised M.S. Sliding door bolts with nuts and screws etc. Complete 300x16 mm  Providing and fixing ISI marked oxidised M.S. Tower bolts black finish, (Barrel type) with necessary screws etc. Complete 250x10 mm.  Providing and fixing ISI marked oxidised M.S.handles conforming to IS: 4992 with 4.00 Each necessary screws etc. Complete 125 mm.  Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.   | 5       |   | 4.00       | Sqm       |            |           | Per Square<br>Metre |                           |
| Providing and fixing ISI marked oxidised M.S. Tower bolts black finish, (Barrel type) with necessary screws etc. Complete 250x10 mm.  Providing and fixing ISI marked oxidised M.S.handles conforming to IS: 4992 with 4.00 Each necessary screws etc. Complete 125 mm.  100 mm  Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.  | б       | Providing and fixing ISI marked oxidised M.S. Sliding door bolts with nuts and screws etc. Complete 300x16 mm   | 2.00       | Each      | -          |           | Each                |                           |
| Providing and fixing ISI marked oxidised M.S.handles conforming to IS: 4992 with necessary screws etc. Complete 125 mm.  100 mm  Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.  | 7       | Providing and fixing ISI marked oxidised M.S. Tower bolts black finish, (Barrel type) with necessary screws etc. Complete 250x10 mm.  | 4.00       | Each      | 0          |           | Each                |                           |
| 100 mm  100 mm  8.00 Each  Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.  | 8       | Providing and fixing ISI marked oxidised M.S.handles conforming to IS: 4992 with necessary screws etc. Complete 125 mm.   | 4.00       | Each      |            |           | Each                |                           |
| Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.   | Б       | 100 mm  | 8.00       | Each      |            |           | Each                |                           |
|  | 9       | Providing and fixing bright finished 100 mm mortice lock with 6 levers without pair of handles of approved quality for aluminium door, with necessary screws etc complete as per direction of Engineer- in charge.  | 2.00       | Each      |            |           | Each                |                           |

| SECTOR PROTECTION                                |           | 12.7  |   |  | NE VIII  |   | T  |  |  |   |  |
|--|-----------|---|---|--|--|---|--|--|--|---|--|
|  |           | 19  | 18  | 17   | 16   | 15  | 14   | ಪೆ   | 12   | =   | 10   |
|  |           | Supplying Bed box with back side and side table of approved quality i/c cost of material. | Renewing glass panes, with putty and nails wherever necessary including racking out the old putty. Float glass panes of nominal thickness 5mm ( weight not less than 12.5 kg/ sqm). | Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings. | Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps. | Providing and fixing vtreous china water closet squatting pan (Indian type W.C Pan) size 580 mm earth work.bed concrete. Foot rest and trap to be measured and paid for separately. | Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour. | Providing and fixing HDF decorative laminate core board in skirting, riseres of steps and dado upto 2mm flooring 8mm thick placed over cushion of 2mm thick expended polethene from plus 100 microne thick polethene sheet under lay of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of materials in all leads and lifts. | Providing and fixing HDF decorative laminate core board flooring 8mm thick placed over cushion of 2mm thick expended polethene from plus 100 microne thick polethene sheet under lay of required shade and colour complete in all respect upto all floor levels as per direction of Engineer in charge including carriage of materials in all leads and lifts. | Steel work bolted in built up sections, including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in gratings, Framed guards, bars ladders railings brackets and similar works including entire carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.  guard bar, ladder, railings, brackets, gates and similar works. | Providing and fixing magnetic catcher of approved quality in cupboard / ward robe shutters, including fixing with necessary screws etc. complete. including carriage of materials in all leads and lifts:- |
|  | Tota      | 1.00  | 2.36  | 1.00   | 1.00   | 1.00  | 44.52  | 4.09   | 44.66  | 64.65   | 16.00  |
|  | Total Rs. | Each  | Sqm   | Each   | Each   | Each  | Sqm  | yqm  | Sqm  | Kg.   | Each   |
|  |           | . 6'  |   |  | • 1  |   |  | F  |  |   | 1  |
|  |           |   |   |  |  |   |  |  |  |   |  |
| Executii<br>Shimia i<br>Shimia i                 |           | Hach  | Per Square<br>Metre   |  | Each   | Bacn  | Metre  | Metre  | Per Square<br>Metre  | Per Kilogram  | Each   |
| Executive Engineer Shima Rural Divisal PWD Dham! |           |   |   |  |  |   |  |  |  |   |  |

