

Himachal Pradesh  
Public Works Department  
PW-RD-GA-Tender-2022-23-  
To

13584

dated:-7-10-2022


The Executive Engineer (IT Cell)  
Nigam Bihar, Shimla-2.

Subject: - Tender notice.

Enclosed please find herewith the tender notice of work as given in the notice inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of H.P. letter N. PBW (B) A (3) 1/2020 dated Shimla-2 the 16<sup>th</sup> July 2021.

1. Certified that the tender mentioned in the notice is exigencies/emergency are urgent nature and in public interest.

DA:- Notice inviting tender & sechedule of quantity.

  
Executive Engineer,  
B&R Division, HPPWD,  
Rohru.

Himachal Pradesh  
Public Works Department  
"NOTICE INVITING TENDERS"

Sealed item rate tender on form PWD 6&8 are invited by the Executive Engineer Rohru Division HPPWD, on behalf of Governor of H.P. for the following works from the approved and eligible contractors enlisted in HPPWD, So as to reach in this office as per time schedule given below:-

- |   |                                  |
|---|----------------------------------|
| 1. Date of receipt of applications for tender forms:- | 17.10.2022 upto 1:00PM           |
| 2. Date of issue/sale of tender forms:-               | 17.10.2022 upto 2:00PM to 3:00PM |
| 3. Date of receipt of tender:-                        | 18.10.2022 upto 3:30PM           |
| 4. Date of opening of tender:-                        | 18.10.2022 upto 4:00PM           |

| Sr.No. | Name of Work.  | Estt. Cost.  | E/Money     | Time.    |
|--------|--|--------------|-------------|----------|
| 1      | R/R Damages to RCD road Km. 2/0 to 21/195 (SH:- C/O R/Wall in PCC 1:3:6 at Rd. 6/041 to 6/051.40)  | Rs. 488831/- | Rs. 9780/-  | 2 Months |
| 2      | R/R Damages Udho Niwas Jakhar Rantari road Km.0/0 to 12/0 (SH:- C/O R/Wall at Rd. 0/310 to 0/332)  | Rs. 465114/- | Rs. 9122/-  | 2Months  |
| 3      | R/R Damages Udho Niwas Jakhar Thothani Rantari Km. 0/0 to 12/0 (SH:- Clearing of grubbing and including uprootin wild vegetation grass brushes shrubs and stripping and cleaning of culvert at Rd. 0/0 to 4/0) | Rs. 282728/- | Rs. 6383/-  | 1 Months |
| 4      | R/R Damages to Summerkot Tikkari Shalawat road Km. 0/0 to 3/500 S(H:- C/O R/Wall at Rd. 2/200 to 2/215)  | Rs. 470132/- | Rs. 9400/-  | 2 Months |
| 5      | R/R Damages to link road to HB Bhamnallah Km. 0/0 to 2/500 (SH:- C/O R/Wall at Rd.0/040 to 0/055)  | Rs. 465496/- | Rs. 9300/-  | 2 Months |
| 6      | R/R Damages to Samoli Parsa road Km 0/0 to 7/0 SH:-C/O R/Wall at Rd.1/495 to 1/511)  | Rs. 429742/- | Rs. 8600/-  | 2Months  |
| 7      | A/R & M/O Civil Hospital at Rohru (SH:- Distempering and Painting etc).  | Rs. 317307/- | Rs. 6350/-  | 1 Months |
| 8      | R/R Damages to Rohru Arhal Bashla road Km. 0/0 to 11/500 (SH:- C/O R/Wall at Rd. 0/170 to 0/179/)  | Rs. 451699/- | Rs. 9033/-  | 2 Monts  |
| 9      | A/R & M/O various non residential building at HPPWD Rohru (SH:- Binding of old record files of office 14 <sup>th</sup> Circle HPPWD Rohru)   | Rs. 425000/- | Rs. 8500/-  | 2 Months |
| 10     | A/R & M/O various non residential building at HPPWD Rohru (SH:- Binding of old record files of sub Divn. Rohru )   | Rs. 425000/- | Rs. 8500/-  | 2 Months |
| 11     | A/R & M/O various non residential building at HPPWD Rohru (SH:- Binding of old record files of office HPPWD Divn Rohru )   | Rs. 425000/- | Rs. 8500/-  | 2 Months |
| 12     | C/O link road to Baghi Km. 0/0 to 3/0 SH:- widening of Narrow reaches at Rd. 1/480 to 1/705)   | Rs. 475852/- | Rs. 9600/-  | 2 Months |
| 13     | R/R Damages to Korsu Kutu road Km., 0/0 to 5/0 S(H:- C/O B/Wall at Rd. 0/360 to 0/375)   | Rs. 301356/- | Rs. 7150/-  | 2 Months |
| 14     | R/R Damages to Rohru Arhal Bashla road Km. 0/0 to 12/0 S(H:- C/O R.Wall at Rd. 11/380 to 11/385)   | Rs. 106592/- | Rs. 2130/-  | 2 Months |
| 15     | A/R & M/O Nandla Jalwari road KM. 0/0 to 7/0 S(SJ:- C/O Rall in PCC at RD. 3/310 to 3/320)   | Rs. 498069/- | Rs. 10000/- | 2 Months |
| 16     | R/R Damages to Parsa Lowerkot Chupari road Km. 0/0 to 10/500 S(H:- C/O Hume pipe culvert 900 mm dia at Rd. 2/180 with wing wall both side)   | Rs. 466136/- | Rs. 9322/-  | 2 Months |
| 17     | C/O link road to Vill Dhanoti Km. 0/0 to 4/500 S(H:- C/O B/Wall at Rd. 0/00 to 0/030)  | Rs. 481162/- | Rs. 9700/-  | 2 Months |
| 18     | R/R Damages to Shalwat wali Karetly road Km. 0/0 to 2/0 S(H:- C/O R/Wall in wire create at Rd. 0/800 to 0/830)   | Rs. 209757/- | Rs. 4200/-  | 2 Months |
| 19     | R/ R Damages to link road to Vill HB Dayarmoli Km. 0/0 to 0/750 S(H:- C/O R./wall at Rd. 0/230 to 0/243)   | Rs. 492684/- | Rs. 9900/-  | 2 Months |
| 20     | C/O Palkan Knda road km. 0/0 to 2/500 S(H:- C/O R/Wall in PCC at Rd. 1/260 to 1/280)   | Rs. 193942/- | Rs. 5900/-  | 2 Months |
| 21     | R/R Damages to Machoti Padda Nallah road km. 0/0 to 8/0 S(H:- C/O B/Wall at Rd., 2/120 to 2/135)   | Rs. 276580/- | Rs. 5530/-  | 2 Months |
| 22     | R/R Damages to Summerkot Tikkari Shalawat road Km . 0/0 to 3/500 S(H:- C/O R/Wall at Rd. 2/120 to 2/136)   | Rs. 474241/- | Rs. 9450/-  | 2 Months |
| 23     | C/O link road Pancha to Kinrada Kingnagar ) SH:- F./C 5/7 mtr. wide road at Rd.0/300 to 0/510)   | Rs. 497437/- | Rs. 10000/- | 2 Months |
| 24     | R/R Damages to Jarla Kayara Bhanwa road under Rohru Sub-Division Samoli section (SH:- Hiring of Excavator cum loader (POCK LANE /L&T) for removal of slips and side and dressing of road)                      | Rs. 495000/- | Rs. 9900/-  | 15 days  |
| 25     | R/R Damages to Rohru Barara Sharog road Km. 0/0 to 8/0 S(H:- C/O R/Wall in PCC 1:3:6 at rd. 5/705 to 5/720)  | Rs. 460308/- | Rs. 9300/-  | 2 Months |
| 26     | R/R damages to Ganasi Dhar Kadiwan Ghasni road km 0/0 to 11/200 (SH:- P/L G-III in various reaches at various road)  | Rs. 426321/- | Rs. 8600/-  | 2Months  |
| 27     | R/R Damages to Jakhr Thothani Rantari road Km 0/0 to 3/0 (SH:- C/O R/Wall at Rd. 1/240 to 1/260)   | Rs. 390066/- | Rs. 7981/-  | 2Months  |
| 28     | R/R Damages to Jakhr Thothani Rantari road Km 0/0 to 3/0 (SH:- C/O R/Wall at Rd. 5/300 to 5/320)   | Rs. 388093/- | Rs. 7761/-  | 2Months  |



|    |   |              |             |          |
|----|---|--------------|-------------|----------|
| 29 | R/R Damages to Jakhar Thakulidhar Besralla Bartu road km. 0/0 to 4/0 S(H:- Maintenance of road unlined surface drain and branches bush cutting etc. | Rs. 319160/- | Rs. 6383/-  | 2 Months |
| 30 | R/R Damages to Udho Niwas Jakhar road Km. 0/0 to 12/0 SH:- R/Wall in wire create at Rd. 7/315 to 7/335)   | Rs. 466060/- | Rs. 9320/-  | 2 Months |
| 31 | C/O Mehandli Tikkar road Km 0/0 to 8/560 S(H:- C/O B/Wall at Rd. 10/945 to 10/965)  | Rs. 403802/- | Rs. 9076/-  | 2 Months |
| 32 | C/O link road Tandali to Patsari KM. 0/0 to 2/500 S(H:- F/C 5/7 mtr wide road Km. 1/975 to 2/030)   | Rs. 494210/- | Rs. 9984/-  | 2Months  |
| 33 | R/R Damages to Dhamwari Gajwani road Km. 0/0 to 3/0 S(H:- C/O R/Wall in wire create at Rd. 0/405 to 0/418.75)                                       | Rs. 490177/- | Rs. 9108/-  | 2 Months |
| 34 | C/O link road to Bagi Km. 0/0 to 3/0 S(H:- Widening of narrow reaches at Rd. 0/615 to 0/720, 1/090 to 1/210, 1/285 to 1/405)                        | Rs. 404279/- | Rs. 8100/-  | 2 Months |
| 35 | R/R Damages to Chirgaon Gushali Rohal road Km. 0/0 to 16/0 SH:- C/O B/Wall in wire create at Rd. 8/545 to 8/590)                                    | Rs. 433598/- | Rs. 8700/-  | 2 Months |
| 36 | Widening of link road to Vill. Tandali Km. 0/0 to 1/500 S(H:- widening of narrow reaches at Rd. 1/150 to 1/165)                                     | Rs. 111023/- | Rs. 2220/-  | 2 Months |
| 37 | R/R Damages to Dhaneari to Gokswari road Km 0/0 to 5/300 S(H:- Providing and laying essential Kharanja stone solingai Rd. 1/800 to 2/045)           | Rs. 477911/- | Rs. 95558/- | 2 Months |
| 38 | C/O link road Todsa to HB limbra Km. 0/0 to 2/0 S(H:- C/O B/Wall at Rd. 1/295 to 1/320)   | Rs. 476072/- | Rs. 9520/-  | 2 Months |
| 39 | C/O lakadhar MiniGadham road km. 0/0 to 3/0 S(H:- C/O R/Wall at Rd. 0/585 to 0/596)   | Rs. 357463/- | Rs. 7149/-  | 2 Months |
| 40 | C/O link road Pancha to Kindrada (King Nagar ) SH:- F/C 5/7 mtr wide road at Rd. 0/135 to 0/300)  | Rs. 497481/- | Rs. 10000/- | 2 Months |
| 41 | C/O link road to H.B Hanstari Dhar KM. 0/0 to 1/500 S(H:- C/O R/Wall in wire create at Rd. 0/810 to 0/830)  | Rs. 472513/- | Rs. 9500/-  | 2 Months |
| 42 | C/O Govt. P.G College at Seema SH:- B/Wall in RR Masonry 1:6 at Rd. 0/0 to 0/025)   | Rs. 474004/- | Rs. 9480/-  | 2Months  |
| 43 | C/O Civil Judge Cum ACJM Building at Rohru (SH:- P/F Tile and Mnhole Chamber )  | Rs. 499271/- | Rs. 9985/-  | 3 Months |
| 44 | A/R & M/O Civil Judge Cum ACJM Building at Rohru (SH:- Painiting and White washing etc)   | Rs. 495279/- | Rs. 9906/-  | 2 Months |
| 45 | R/R damages Koti Sobinallah road km 0/0 to 1/300 (SH:- C/O R/wall at RD in wire crate at RD 0/538 to 0/568)   | Rs. 446289/- | Rs. 9000/-  | 2 Months |
| 46 | R/R damages to Ganasi Dharkadiwan Ghansi road km 0/0 to 11/200 (SH:- P/L G-III in various reaches at RD 6/800 to 8/0)                               | Rs. 498132/- | Rs. 10000/- | 2 Months |
| 47 | C/O link road to Hingori km 0/0 to 2/0 (SH:- F/C 5/7 mtr wide road at RD 0/835 to 0/855)  | Rs. 146197/- | Rs. 3000/-  | 2 Months |
| 48 | R/R damages on Rohru Arahal Bashlia road (SH:- providing wire mesh at RD 0/025 to 0/071)  | Rs. 405285/- | Rs. 8200/-  | 2 Months |
| 49 | R/R damages to Dhara Narpa Pokta road km 0/0 to 7/0 (SH:- C/O P/wall in PCC 1:4:8 at RD 5/585 to 5/606.50)  | Rs. 412873/- | Rs. 8300/-  | 2 Months |

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

**Terms and conditions:-**The tender document shall be issued only to these contractors/firms who fulfill the following criteria and submit the following document with the application.

1. The Earnest-money for the above works should be submitted with the application for the purchase of the tender documents.
2. The Contractors should quoted the rates of all the items in the tenders both in figures and words.
3. Income tax & GST No latest clearance certificate.
4. The contrs / firm shall accompany his enlistment/renewal & EPF submit before the award of tender.
5. The contractors should apply for two works only at a time for tenders.
6. The Executive Engineer reserves the right to accept/rejected any tender/application or all tenders without assigning any reason.

NO.-PW-RD-GA.-Tender/2022-23--

Copy forwarded for information and wide publicity to:-

1. The Chief-Engineer(S), HPPWD, Shimla-2.
2. The S E 14<sup>th</sup> Circle HPPWD, Rohru
3. All the E.E.'s under 14<sup>th</sup> Circle, HPPWD, Rohru
4. All the A.E.'s working under this Division (B&R).
5. The Sub Divisional Magistrate, Rohru.
6. The B.D.O. Rohru and Chirgaon.
7. The Tehsildar, Rohru/Chirgaon and Tikkar.
8. The Chairman, N.A.C. Rohru.
9. A/B. and D/B. in this Office.
10. Notice-Board.

Executive Engineer,  
B&R Division, HPPWD, Rohru  
Dated:-

13585-610  
7-10-2022

Executive Engineer,  
B&R Division, HPPWD, Rohru



# SCHEDULE OF QUANTITY

Estimated cost Rs 488837/-  
Earens Money Rs 9780/-  
TIME : Two month

Name of work:-RRR damages to RCD road km 2/0 to 21/195(SH- C/O R/wall PCC 1:3:6 at Rd 6/0/41 to to 6/051.40)

| Sr No | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|-------|--|----------|-----------------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 12.79    |                 |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge | 12.58    |                 |               | per cubic metre |        |
| 3     | Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nom inal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification cause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge  | 7.18     |                 |               | per cubic metre |        |
| 4     | Providing and concrete for plain reinforced concrete in open foundations complete as per drawing and technical clause 803,1202 and 1203 grade 1:3:6 (1cement :3 sand :6 graded stone agg within all leadf and lifts as per direction of Engineer in charge   | 63.65    |                 |               | per cubic metre |        |
| 5     | Providing weephole in brick masonry /stone plain concrete abutment wing wall and return wall 100mm dia AC pipe extending through the full width of the sutructres with slope 1(V)20(H)through drawing face complete as per drawing and technical specification clause 614 709 1204.7 within all leads and lifts as per directions of Engineer in charge  | 32.00    |                 |               | Each            |        |
| 6     | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge  | 16.64    |                 |               |                 |        |
|       | Total:-  |          |                 |               | Total           |        |

Executive Engineer  
B&R Divn HP.PWD  
Rohru



# SCHUEDE OF QUANTITY

Estimated cost Rs 4465114/-  
Earens Money Rs 9122.00-

Placed TIME : Two month  
at 0/310 to 0/332

| Sr No | Description of Items   | Quantity | Rate in | Rate in Words | unit            | Amount |
|-------|--|----------|---------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 21.67    |         |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge                               | 31.02    |         |               | per cubic metre |        |
| 3     | Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802.803, 1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge   | 9.46     |         |               | per cubic metre |        |
| 4     | Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand: eight graded crushed stone aggregate) 20 mm specification clauses 802.803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals. | 3.74     |         |               | per cubic metre |        |
| 5     | stone Random rubble masonry work in cement mortar 1:6 (1 cement: 6 sand) in foundation complete as per drawing and technical specification clause 702, 704, 1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge   | 31.90    |         |               | per cubic metre |        |
| 6     | Construction of dry rubble masonry for retaining walls breast wall revement walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305 within all leads and lifts as per direction of Engineer in charge   | 47.48    |         |               | per cubic metre |        |
| 7     | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge  | 10.89    |         |               | per cubic metre |        |
|       | Total:-  |          |         |               |                 |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru



# SCHEDULE OF QUANTITY

Estimated cost Rs282728/-  
Earens money Rs6383/-  
Time :- One Month

Name of work : -R/R damages udho niwas Jakhar Thothoni Rantari km 0/0 to 12/0(SH-clearing of grubing and including uprooting wild vegetation grass brushses shubs and stripping and cleaning of culvert at RD 0/0 to 4/0)

| Sr No. | Sub-head and item of works.  | Quantity. | Rate in figures. | Rate in words | Unit.            | Amount |
|--------|--|-----------|------------------|---------------|------------------|--------|
| 1      | Clearing and grubbing road land including uprooting wild vegetation, gress brushes, shrubs and trees of girth up to 300mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable materials to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201 within all leads and lifts as per directions of Engineer in charge | 3.00      |                  |               | per hect.        |        |
| 2      | stripping excess soil from the shoulder surface to achieve the approved level and comacting with plate compactor at OMC as drawing and technical specification clause 1903 within all leads and lifts as per directions of Engineer in charges   | 3161.21   |                  |               | per square metre |        |
| 3      | maintance of hume pipe culverts of way of cleaning cleaning erosion repair to cracks parapets wall and protectins works as drawing and including specification clause 1908 within all leads and lifts as per directions of Engineer in charges   | 8.00      |                  |               | p/km             |        |

Executive Engineer  
B&R Division HP, PWD  
Rohru



# SCHEDULE OF QUANTITY

|                |            |
|----------------|------------|
| Estimated Cost | 4,70,132/- |
| Earnest Money  | 9400/-     |
| Time           | 2 Months   |

Name of Work: R/R Damages to Summerkot Tikari Shalawat road k.m. 0/0 to 3/500 (SH: C/O R/Wall at R.D 2/200 to 2/215.)

| Sub-head and Item of works.   | Quantity | Rate in figures. | Rate in words | Unit            | Amount |
|---|----------|------------------|---------------|-----------------|--------|
| 1. Excavation in soil in Hill Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and dressing of excavated earth with a 1/4 up to any lead and 1/4 as per Technical Specification Clause 1603.1 and as per HPPWD specification of 1990 Volume-I or as directed by the Engineer-in-Charge   | 25.75    |                  |               | Per cubic meter |        |
| 2. Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of sloping and bracing, removal of stumps and other deleterious material and disposal upto a any lead and 1/4, dressing of sides and bottom and backfilling in trenches with excavate suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-in-Charge | 7.35     |                  |               | Per cubic meter |        |
| 3. Providing and Laying concrete concrete 1:6:12 (cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-in-Charge  | 9.00     |                  |               | Per cubic meter |        |
| 4. Providing and Laying concrete concrete 1:2:8 (Cement: 4 sand: 8 graded stone aggregate 40mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-in-Charge  | 30.90    |                  |               | Per cubic meter |        |
| 5. Random rubble masonry stone masonry (un-coursed) brought to courses with hard stone of approved quality in foundation in cement mortar 1:6 (cement: 6 sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 including all leads and lifts or as per HPPWD, Specification of 1990 Volume-I as directed by the Engineer-in-Charge   | 45.83    |                  |               | Per cubic meter |        |
| 6. Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and technical specification clauses 704.6 & 1202.5 including all leads and lifts as per HPPWD, specification of 1990 volume-I as directed by the Engineer-in-Charge  | 15.95    |                  |               | Per cubic meter |        |
| 7. Back filling behind abutment wing wall and return complete as per drawing and technical specification including all leads and lifts as per HPPWD, specification of 1990 volume-I as directed by the Engineer-in-Charge   |          |                  |               | Total           |        |

Executive Engineer  
B&R Sub-Divn HP.PWD  
Rohru



# SCHEDULE OF QUANTITY

Name of work - R/R damages link road to Harijan Basti Bhammallah km 0/0 to 2/500(SH-C/O R/wall at RD 0/040 to 0/055)

Estimated cost Rs 465496/-  
Earens Money Rs9300/-  
TIME : Two month

| Sr No | Description of Items   | Quantity | Rate in Figure. | Rate in Words | Unit            | Amount |
|-------|--|----------|-----------------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge  | 30.00    |                 |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge | 24.00    |                 |               | per cubic metre |        |
| 3     | Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 20 mm specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge  | 78.00    |                 |               | per cubic metre |        |
| 4     | Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall return wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)20(H) thorough drawing face complete as per drawing and technical specification clause 614, 709, 1204 3.7 within all leads and lifts as per directions of Engineer in charge  | 30.00    |                 |               | per cubic metre |        |
| 4     | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge  | 6.70     |                 |               | per cubic metre |        |
|       | Total:-  |          |                 |               |                 |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru



# SCHEDULE OF QUANTITY

|                |            |
|----------------|------------|
| Estimated Cost | 4,29,742/- |
| Earnest Money  | 8600/-     |
| Time           | 2 Months   |

Name of work :- R/R Damages to Samoli Parsa road k.m. 0/0 to 7/00 (SH:- C/O R/Wall at R. D. 1/495 to 1/511 )

| Sub-head and Item of works.  | Quantity. | Rate in figures. | Rate in words. | Unit.           | Amount. |
|--|-----------|------------------|----------------|-----------------|---------|
| 1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.   | 23.20     |                  |                | Per cubic meter |         |
| 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge | 27.04     |                  |                | Per cubic meter |         |
| 3 Providing and Laying concrete concrete 1:6:12 (1cement, 6 sand, 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge  | 7.84      |                  |                | Per cubic meter |         |
| 4 Providing and Laying concrete concrete 1:4:8 (1cement, 4 sand, 8 graded stone aggregate 25mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge  | 3.20      |                  |                | Per cubic meter |         |
| 5 Random rubble masonry stone masonry (un-coursed/brought to courses) with hard stone of approved quality in foundation, (in cement mortar 1:6 (1 cement 6 sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203 including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-I, as directed by the Engineer-In-Charge  | 23.74     |                  |                | Per cubic meter |         |
| 6 Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704.6 & 1302.5 including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge   | 56.28     |                  |                | Per cubic meter |         |
| 7 Back filling behind abutment wing wall and return complete as per drawing and technical specification including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge  | 18.08     |                  |                | Per cubic meter |         |
|  |           |                  |                | <b>Total</b>    |         |

Executive Engineer,  
B&R Sub-Divn HP.PWD,  
Rohru.

# DRAFT SCHEDULE OF QUANTITY

Estimated cost Rs 317307/-  
 Earnest Money Rs6350/-  
 TIME : one month

Name of work:-A/R& M/o Civil Hospital at Rohru(SH-Distemping and painting etc.)

| Sr No   | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit             | Amount |
|---------|--|----------|-----------------|---------------|------------------|--------|
| 1       | Providing and applying white cement based putty of average thickness 1mm of approved brand and manufacture over the plastered wall surface to prepared the surface even and smooth complete within all leads and lifts as per directions of  | 1518.00  |                 |               | per square metre |        |
| 2       | Distemping with 1st quality anoyic distemper having VOC (Volatile organic compound) cement less than 50 grams /litre, of approved brand and manufacture including applying additional coats wherever required to achieve even shade and colour within all leads and lifts as per directins of Engineer in charge | 1518.00  |                 |               | per square metre |        |
| 3       | Painting two coat )excluding priming coat on new wood and wood based surface with enamel paint to give and even shade including clarning the surface of all dirt and dust and other foreign matter sand papering and shopping including carriage all leads and lifts as per direction of Engineer in charge      | 536.31   |                 |               | per square metre |        |
| Total:- |  |          |                 |               |                  |        |

  
 Executive Engineer  
 B&R Divn AP PWD  
 Rohru



# SCHEDULE OF QUANTITY

Estimated cost Rs 451699/-  
Earens Money Rs9033/-  
TIME : Two month

Name of work - 3/2R damages on Rohru Ahal Bashla road km 0/0 to 11/500(SH-C/O R/wall at RD 0/170 to 0/179).

| Sr No | Description of items  | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|-------|---|----------|-----------------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.  | 32.31    |                 |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge                                | 27.70    |                 |               | per cubic metre |        |
| 3     | Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge   | 7.92     |                 |               | per cubic metre |        |
| 4     | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand: eight graded crushed stone aggregate) 20 mm specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 4.68     |                 |               | per cubic metre |        |
| 5     | stone Random rubble masonry work in cement mortar 1:6 (cement: 6sand) in foundation complete as per drawing and technical specification clause 702,704,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge   | 34.88    |                 |               | per cubic metre |        |
| 6     | Construction of dry rubble masonry for retaining walls breast wall revementment walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305 within all leads and lifts as per direction of Engineer in charge  | 49.59    |                 |               | per cubic metre |        |
| 7     | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge   | 6.35     |                 |               | per cubic metre |        |
| 28    | Total:-   |          |                 |               | Total           |        |

Executive Engineer  
B&R Divn HP-PWD  
Rohru

# SCHEDULE OF QTY


Estimated Cost :- 425000  
Earnest Money:- 8500

Time:- Two Month

Name of work:- A/R & M/O Various Non Residential building at HP PWD Rohru

(SH:- Binding of old office record files of office 14th Circle HP PWD Rohru

| Sr. No. | Sub- Head & items of work   | Qty | Unit | Rate in Fig. | Rate in words | Amount |
|---------|---|-----|------|--------------|---------------|--------|
|         | Binding of office record file with card board on both side of file, fixing binding cloth on one edge of the file and Abery paper on face of the card board with proper adhesive material like fevicol glue etc. and sewing the file with duable and hard thread of suitable size including labour so as to make it in good condition in all respectas as per the direction of Engineer-in-charge with in all leads and lift |     |      |              |               |        |
|         | In C/ Branch  | 700 | Nos  |              |               |        |
|         | Works   | 700 | Nos  |              |               |        |
|         | Drawing Branch  | 500 | Nos  |              |               |        |
|         | Budget Section  | 600 | Nos  |              |               |        |
|         | Tota:-  |     |      |              |               |        |

  
Executive Engineer  
B&R Division HP PWD  
Rohru



## SCHEDULE OF QTY

Estimated Cost :- 425000

Earnest Money:- 8500

Time:- Two Month

Name of work:- A/R &amp; M/O Various Non Residential building at HP PWD Rohru

(SH:- Binding of old office record files of Sub-Division HP PWD Rohru

| Sr. No. | Sub-Head & items of work   | Qty  | Unit | Rate in Fig. | Rate in words | Amount |
|---------|--|------|------|--------------|---------------|--------|
|         | Binding of office record file with card board on both side of file, fixing binding cloth on one edge of the file and Abary paper on face of the card board with proper adhesive material like feviccol glue etc. and sewing the file with duable and hard thread of suitable size including labour so as to make it in good condition in all respectas as per the direction of Engineer-in-charge with in all leads and lift | 2500 | Nos  |              |               |        |
|         | Tota:-   |      |      |              |               |        |


  
 Executive Engineer  
 B&R Division HP PWD  
 Rohru

# SCHEDULE OF QTY

Estimated Cost :- 425000  
Earnest Money:- 8500  
Time:- Two Month

Name of work:- A/R & M/O Various Non Residential building at HP PWD Rohru  
(SH:- Binding of old office record files of Division office HP PWD Rohru

| Sr. No. | Sub- Head & items of work   | Qty  | Unit | Rate in Fig. | Rate in words | Amount |
|---------|---|------|------|--------------|---------------|--------|
|         | Binding of office record file with card board on both side of file, fixing binding cloth on one edge of the file and Abery paper on face of the card board with proper adhesive material like fevicol glue etc. and sewing the file with duable and hard thread of suitable size including labour so as to make it in good condition in all respectas as per the direction of Engineer-in-charge with in all leads and lift |      |      |              |               |        |
|         | In C/ Branch  | 1000 | Nos  |              |               |        |
|         | Account Branch  | 800  | Nos  |              |               |        |
|         | Drawing Branch  | 700  | Nos  |              |               |        |
|         | Tota:-  |      |      |              |               |        |


  
Executive Engineer  
B&R Division HP PWD  
Rohru



**SCHEDULE OF QUANTITY**

Name of Work:- C/O Link road to Baghi k.m. 0/0 to 3/00 (SH:- Widening of narrow reaches, at R.D. 1/480 to 1/705.)

| <div> <div>Estimated Cost</div> <div>Earnest Money</div> <div>4,75,852/=</div> <div>9600/=</div> <div>2 Months</div> </div> |   |         |                 |              |              |
|---|---|---------|-----------------|--------------|--------------|
| Sr No   | Sub Head/items of work.   | Qty     | Rate in figures | Rate in word | Unit. Amount |
| 1   | Excavation in hilly area in all heights and depths in all kinds of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) and other intermediate classification of soil setting out true to the required line, graded width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D Technical Specification Clause 300.1603.1, 1603.2, sorting out useful material and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road way, camber, embankments for grade improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites, through all modes of transportation including head load or animals transport or mechanical means, along with its levelling fine dressing and carriage of machines, materials tools equipments and safety means and other incidentals necessary to complete the work by mechanical means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and slates shall be sorted out and stacked along road side which shall not be less than 1/3 (One third) for blasting work, hard rock 1/6th (One sixth) blasting work, soft rock 1/10th (one 10th) jumper work in all cases failing which recovery shall be effected on the prevailing market rates. Any loss to the public/private property during the course of execution shall be the absolute responsibility of the entire Contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-Charge including carriage of material within all leads and lifts. The rate including octroi, royalty Malkana, toll tax sale tax or other taxes imposed by the Government. A recovery of useful stones 2251.50 cum: metre @ Rs. 300/- Per cubic metre shall be done on pro-rata basis in each running bill for this item. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified/ dimension in all leads and lift as per the direction of Engineer in charge | 1593.00 |                 |              | Cum.         |
| <b>Total</b>  |   |         |                 |              |              |

  
 Executive Engineer,  
 Rohru Division HP PWD,  
 Rohru.

# SCHEDULE OF QUANTITY

Estimated cost Rs 301356/-  
Earensi Money Rs7150/-  
TIME : Two month

Name of work -R/R damages Korsu kutu road km 0/0 to 5/0(SH- C/o B/wall at RD 0/360 to 0/375)

| Sr No | Description of items  | Quantity | Rate in Figure. | Rate in Words |                 | Amount |
|-------|---|----------|-----------------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.  | 36.22    |                 |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary/rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge                                | 18.90    |                 |               | per cubic metre |        |
| 3     | Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802,803,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge   | 4.80     |                 |               | per cubic metre |        |
| 4     | Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate)/25 mm specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 3.00     |                 |               | per cubic metre |        |
| 5     | stone Random rubble masonry work in cement mortar 1:6(1cement :6sand )in foundation complete as per drawing and technical specification clause 702,704,1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge   | 29.68    |                 |               | per cubic metre |        |
| 6     | Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etcetra for sub-structure and super structure complete as per drawing and MORD Technical Specification clauses 704.6 and 1302.5 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 19.01    |                 |               | per cubic metre |        |
|       | Total   |          |                 |               |                 |        |

Executive Engineer  
B&R Divn HP.PWD  
Rohru



# DRAFT SCHEDULE OF QUANTITY

Estimated cost Rs106592/-  
EARNEST MONEY Rs2130/-  
TIME : Two month

Name of work:-R/R damages to Rohru Arthal Bashla km 0/0 to to 12/0(SH- R/wall at Rd 11/380 to 11/385)

|   | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|---|--|----------|-----------------|---------------|-----------------|--------|
| 1 | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 6.35     |                 |               | per cubic metre |        |
| 2 | Earth work in excavation for all type of road structure such as retaining walls,breast walls,culverts,drain and parapets etcetera in all type of classification of soil comprising of ordinary soil,ordinary rock,hard rocks,chiselling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge in  | 8.00     |                 |               | per cubic metre |        |
| 3 | Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 2.15     |                 |               | per cubic metre |        |
| 4 | Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6(1cement :6sand)complete as per drawing and technical specification clause 702,704 1202 and 1203 HP/PWD specificatio 1990 volume-I within all leads and lifts as per diretion of Engineer in charge  | 8.95     |                 |               | per cubic metre |        |
| 5 | Construction of dry rubble masonry for retaining walls, breast walls,revetment walls and parapets etcetra for sub-structure and super structure complete as per drawing and MORD Technical Specification clauses 704.6 and 1302.5 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.  | 13.44    |                 |               | per cubic metre |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# SCHEDULE OF QUANTITY

Job No. 16

15

Name of Work: A/R & M/O Nandia Jhalwari road k.m. 0/0 to 7/00 (SH:- C/O R/Wall in PCC at R.D. 3/310 to 3/320)

Estimated Cost 4,98,069/-  
Earnest Money 10,000/-  
Time 2 Months

| Sub-head and Item of works.   | Quantity. | Rate in figures. | Rate in words. | Unit.           | Amount. |
|---|-----------|------------------|----------------|-----------------|---------|
| 1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD specification of 1990 Volume-I, or as directed by the Engineer-In-Charge  | 13.30     |                  |                | Per cubic meter |         |
| 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge | 18.60     |                  |                | Per cubic meter |         |
| 3 Providing and Laying concrete concrete 1:6:12 (Cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge   | 7.10      |                  |                | Per cubic meter |         |
| 4 Providing and Laying concrete concrete 1:3:6 (Cement: 3 sand: 6 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge   | 69.20     |                  |                | Per cubic meter |         |
| 5 Back filling behind R/Wall, B/Wall, abutment wing wall and return complete as per drawing and technical specification including all leads and lifts, as per HPPWD specification of 1990 volume-I as directed by the Engineer-In-Charge  | 16.00     |                  |                | Per cubic meter |         |
| 6 Providing weephole in brick masonry/stone masonry, plain/reinforcement cement concrete abutment, wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3, 7.  | 25.00     |                  |                | Each            |         |
|   |           |                  |                | Total           |         |

Executive Engineer,  
B&R, Dyn HP, PWD,  
Rohru.



# SCHEDULE OF QUANTITY

Estimated cost Rs466135/  
EARNEST MONEY Rs 9322/-  
TIME : Two month

Name of work:- R/R damages to Parsa Lowerkotli Chhupari road km 0/0 to 10/500(SH- C/o Hume pipe culvert at RD 2/180 with wall both side).

| Sr No | Description of items  | Quantity | Rate in Figure. | Rate in Words | unit              | Amount |
|-------|---|----------|-----------------|---------------|-------------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.  | 16.69    |                 |               | per cubic metre   |        |
| 2     | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock, chiseling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge.  | 50.18    |                 |               | per cubic metre   |        |
| 3     | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 7.39     |                 |               | per cubic metre   |        |
| 4     | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 25 mm (twenty five millimetre) nominal specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.     | 68.21    |                 |               | per cubic metre   |        |
| 5     | Brack filling the retaining wall and wing wall and return wall complete as per dfraving and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge  | 14.70    |                 |               |                   |        |
| 6     | Providing and laying reinforcement cement concrete pipe NP2 culverts on first class bedding of granular materials in single row including fixing collar with cement mortar 1:2 but excluding excavation protection works back filling concrete and masonry work in heads wall and parapets clause 1106 within all leads and lifts as per directions of Engineer in charge 900mm dia   | 7.50     |                 |               | per running metre |        |
| 7     | Providing weepholes in brick masonry/stone masonry /plain concrete abutment wing wall r eturn wall 100mm dia AC pipe extending through the full width of the structures with slope of 1(V)20(H) through drawing fasce complete as per drawing and technical specification clause 614.709.1204 3.7 within all leads and lifts as per directions of Engineer in charge  | 8.00     |                 |               | Each              |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# SCHDUEL OF QUANTITY

Job No.

|                |            |
|----------------|------------|
| Estimated Cost | 4,81,162/- |
| Earnest Money  | 9700/-     |
| Time           | 2 Months   |

Name of work :- C/O Link road to Village Dhanoti k.m. 0/0 to 4/500 (SH:- C/O R/Wall at R.D. 2/00 to 2/030)

| Sub-head and Item of works.   | Quantity. | Rate in figures. | Rate in words. | Unit.            | Amount. |
|---|-----------|------------------|----------------|------------------|---------|
| 1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.  | 57.60     |                  |                | Per cubic meter. |         |
| 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material, useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge | 43.20     |                  |                | Per cubic meter. |         |
| 3 Providing and Laying concrete concrete 1:6:12 (1cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge   | 8.10      |                  |                | Per cubic meter. |         |
| 4 Providing and Laying concrete concrete 1:4:8 (1cement: 4 sand: 8 graded stone aggregate 25mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge   | 6.00      |                  |                | Per cubic meter. |         |
| 5 Random rubble masonry stone masonry (un-coursed/brought to courses) with hard stone of approved quality in foundation in cement mortar 1:6 (1cement: 6sand) complete as per drawing and technical specifications Clauses 702, 704, 1202 & 1203, including all leads and lifts, or as per HPPWD, Specification of 1990 Volume-I, as directed by the Engineer-In-Charge.  | 44.60     |                  |                | Per cubic meter. |         |
| 6 Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub-structure and super structure complete as per drawing and technical specification clauses 704.6 & 1302.5 including all leads and lifts, as per HPPWD, specification of 1990 volume-I as directed by the Engineer-In-Charge  | 49.68     |                  |                | Per cubic meter. |         |
|   |           |                  |                | <b>Total</b>     |         |

Executive Engineer  
B&R, Divn HP, PWD  
Rohru



# SCHEDULE OF QUANTITY

**Name of Work:- R/R Damages on Shalwat Wali Karely road k.m. 0/0 to 2/00 (S.H:- C/O R/Wall in Wire crate at R.D. 0/800 to 0/830.)**

|        |   |           |                  | Estimate Cost  | 2,09,757/- ✓ |         |
|--------|---|-----------|------------------|----------------|--------------|---------|
|        |   |           |                  | Earnest Money  | 4200/- ✓     |         |
|        |   |           |                  | Time           | 2 Month. ✓   |         |
| Sr. No | Sub-head and item of works.   | Quantity. | Rate in figures. | Rate in words. | Unit         | Amount. |
| 1      | 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and hanged over to the department free of cost including all leads and lifts, as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge | 30.75 ✓   |                  |                | Per Cum      |         |
| 2      | Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS 4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 or as directed by the Engineer-In-Charge   | 93.75 ✓   |                  |                | Per Cum      |         |
| Total  |   |           |                  |                |              | 0       |

  
 Executive Engineer  
 B&R Divn. HP.PWD  
 Rohru.

# SCHEDULE OF QUANTITY

Name of work -R/R damages on link road to Harijan Basti Dayarnoli km 0/0 to 0/750(SH- C/O R/wall at RD 0/230 to 0/243)

Estimated cost Rs 492684/-/-  
EARNEST MONEY Rs 9900/-/-  
TIME : Two month

| Sr No | Description of Items  | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|-------|---|----------|-----------------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including cartage of material through all modes of transportation within all leads and lifts and other incidentals.   | 32.50    |                 |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge                                | 22.88    |                 |               | per cubic metre |        |
| 3     | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 20 mm specification clauses 802,803,1202 and 1203 as per direction of Engineer-in-Charge including cartage of material through all modes of transportation with in all leads and lifts and other incidentals. | 81.90    |                 |               | per cubic metre |        |
| 4     | Providing weephole in brick masonry plain/reinforced concrete abutment wing wall return wall with 100mm dia AC pipe extending through the full width for the structure with slope (V) 20(H) towards drawing face complete as per technical specification clause 814 709, 1204 3.7 within all leads and lifts as per directions of Engineer in charge  | 33.00    |                 |               | Each            |        |
| 5     | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including cartage of materials as per direction of Engineer in charge  | 5.85     |                 |               | per cubic metre |        |
|       | Total:-   |          |                 |               |                 |        |

Executive Engineer  
B&R Divn HP.PWD  
Rohru



# SCHEDULE OF QUANTITY

Estimated Cost 2,93,942/-  
Earnest Money 5900/-  
Time 2Months

Name of Work:- C/O Palkan Kanda road k.m. 0/0 to 2/500 (SH:- C/O R/Wall in PCC at R.D. 1/260 to 1/280)

| Sub-head and Item of works.   | Quantity. | Rate in figures. | Rate in words. | Unit.            | Amount. |
|---|-----------|------------------|----------------|------------------|---------|
| 1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD specification of 1990 Volume-I or as directed by the Engineer-In-Charge   | 10.60     |                  |                | Per cubic meter. |         |
| 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 a any lead and lift dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge | 11.40     |                  |                | Per cubic meter  |         |
| 3 Providing and Laying concrete concrete 1:6:12 (cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge  | 4.80      |                  |                | Per cubic meter  |         |
| 4 Providing and Laying concrete concrete 1:3:6 (cement: 3 sand: 6 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge  | 47.20     |                  |                | Per cubic meter. |         |
| 5 Providing weephole in brick masonry/stone masonry plain/reinforcement cement concrete abutment wing wall return wall with 100mm dia AC pipe extending through the full width of structure with slope of 1(V) 20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3.7   | 34.72     |                  |                | Each.            |         |
|   |           |                  |                | Total            |         |

Executive Engineer,  
B&R, Divn HP BWD,  
Rohru.

# SCHEDULE OF QUANTITY

Estimated cost Rs276580/-  
 Earens Money Rs5530/-  
 TIME : one month

| Name of work- R/R damages to Machoti Padda Nallah road km 0/0 to 8/0(SH-C/O B/wall at RD 2/120 to 2/135) |   |          |                 |               |                 |
|--|---|----------|-----------------|---------------|-----------------|
| Sr No  | Description of Items  | Quantity | Rate in Figure. | Rate in Words | unit            |
| 1  | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.  | 31.50    |                 |               | per cubic metre |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge      | 25.20    |                 |               | per cubic metre |
| 3  | Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802.803.1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge   | 7.20     |                 |               | per cubic metre |
| 4  | Providing and laying mechanical mixed and vibrated cement concrete for plain reinforced concrete in open foundation complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 25 mm specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 3.00     |                 |               | per cubic metre |
| 5  | Random rubble masonry polygonal rubble masonry uncoursed /brought to courses with hard stone of approved quality in foundation and plinth cement mortar 1:6:(1cement:6sand)/breast wall and retaining wall within all leads and lifts as per directions of Engineer in charge   | 27.99    |                 |               | per cubic metre |
| 6  | Construction of dry rubble masonry for retaining walls breast wall reventment walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305 within all leads and lifts as per direction of Engineer in charge  | 20.86    |                 |               | per cubic metre |
|  | Total:-   |          |                 |               | Total           |

Executive Engineer  
 B&R Divn HP,PWD  
 Rohru



# SCHEDULE OF QUANTITY

Estimated cost Rs474241/-  
EARNEST MONEY Rs9450/-  
TIME : Two month

Name of work -R/R damages summerkot Tikkar Shalwat road km 0/0 to 3/500 (SH-C/O R/wall at RD 2/120 to 2/136)

| Sr No | Description of Items  | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|-------|---|----------|-----------------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.  | 25.60    |                 |               | per cubic metre |        |
| 2     | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge in   | 27.20    |                 |               | per cubic metre |        |
| 3     | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size oal specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 2.63     |                 |               | per cubic metre |        |
| 4     | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 20 mm specification clauses 802, 803, 1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.                                      | 6.88     |                 |               | per cubic metre |        |
| 5     | Stone masonry in cement mortar for sub structure complete as per drawing and technical specification clause 702, 704, 1202 and 1204 Random masonry in cement mortar 1:5 within all leads and lifts as per directions of Engineer in charge  | 42.29    |                 |               | per cubic metre |        |
| 6     | Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etcetra for sub-structure and super structure complete as per drawing and MORD Technical Specification clauses 704.6 and 1302.5 and as per the direction of the Engineer-in-   | 53.76    |                 |               | per cubic metre |        |
| 7     | Brack filling the retaining wall and wing wall and return wall complete as per drawing and technical specification clause 1204 3.8 within all leads and lifts as per directions of Engineer in charge   | 18.08    |                 |               | per cubic metre |        |
|       | Total:-   |          |                 |               |                 |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# SCHEDULE OF QUANTITY

Estimated cost Rs497437/-

Earnest money Rs 10000/-

Time :- Two month

Name of work:- C/O linkroad Panchha to Kinrada (King Nagar)\*SH-F/C 5/7 metre at Rd 0/300 oto 0/510)

| SINO.   | Sub-Head/Item of work.   | Quantity | Rate        |          | Unit            | Amount. |
|---------|--|----------|-------------|----------|-----------------|---------|
|         |  |          | In Figures. | In Words |                 |         |
| 1       | Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side. Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming/filling of unevenness blindage and finishing of the road to specified diamensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and recovery 285.17 cubic meter bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge. | 2139.00  |             |          | per cubic metre |         |
| Total:- |  |          |             |          |                 |         |

Executive Engineer  
B&R Divn HP.PWD  
Rohru



### Schedule of Quantity

ESTIMATED COST:-4,95,000/-

Earnest Money 9900/-

TIME ALLOWED : 15 days.

**Name of work :-** Restoration of rain damages on Janta Kayara Bhanwa road under Rohru Sub-Division Section ~~Rohru~~ <sup>SAMELI</sup> (SH:-SH:-Hiring of Excavator-Cum-Loader(POCK LANE/L&T) for removal of slip/land slide and dressing of road.)

| Sr No. | Sub-Head and Item of works.  | Quantity. | Rate in Figures. | Rate in words. | Unit    | Amount. |
|--------|--|-----------|------------------|----------------|---------|---------|
| 1      | Hiring of Excavator-Cum-Loader(POCK LANE/L&T) with 90 H.P Engine and lifting capacity of minimum 5000 Kms. including P.O.L charges, shifting charges and other ancillary equipments as required at site of work for cutting in earth work in all heights in all kinds of soil such as Kankar, moorum, shingle boulders decomposed or soft variety of soil such as spade work, pick work, Jumper work, soft rock, hard rock including their intermediate classification of soil including chiselling/wedging out of rocks etc. where blasting is prohibited including saturated soils including filling in embankments where including consolidating with sheep foot rollers and disposal of this unserviceable materials in all leads and lifts including mechanical transportation if necessary. The disposal of this unserviceable materials has to be done in the acquired width of the road to avoid damage to the properties of the people or in case any damage took place the contractor is liable for it. All salvaged materials such as quarried stone shall belong to the department and maximum useful quantity of stones from cutting work shall have to be neatly stacked along the road side on road burms. The work involves widening from existing width to IRC single lane standard width formation width 5 meters in straight and 7 meter in curves as per their radius. Minimum 40 cum of earth work shall be done by the Machine in one hour, other wise number of hour shall be reduced accordingly. The work shall have to be carried out as per Ministry of Transport, as per instructions of the Engineer-In-Charge including all leads and lifts. | 110.00    |                  |                | Hour    |         |
|        |  |           |                  |                | Total:- |         |

Executive Engineer  
Rohru Division, H.P PWD  
Rohru.

# SCHDUEL OF QUANTITY

Estimated Cost 4,60,308/-  
Earnest Money 9300/-  
Time 2 Months

Name of Work:- R/R Dameges on Rohru Barara Sharog road k.m. 0/0 to 8/00 (SH:- C/O R/wall in PCC 1:3:6 at R.D. 5/705 to 5/720)

| Sub-head and item of works.   | Quantity. | Rate in figures. | Rate in words. | Unit.            | Amount. |
|---|-----------|------------------|----------------|------------------|---------|
| 1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.  | 24.15     |                  |                | Per cubic meter. |         |
| 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge. | 15.30     |                  |                | Per cubic meter. |         |
| 3 Providing and Laying concrete concrete 1:3:6 (1cement 3 sand, 6 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge.   | 39.00     |                  |                | Per cubic meter. |         |
| 4 Providing weephole in brick masonry/stone masonry plain/reinforcement cement concrete abutment wing wall, return wall with 100mm dia AC pipe extending through the full width of structure with slope of 1(V):20(H) towards clearing face complete as per drawing and technical specification clauses 614, 709, 1204, 3.7.  | 8.00      |                  |                | Each.            |         |
| 5 Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201, as directed by the Engineer-In-Charge.  | 2.36      |                  |                | Hac.             |         |
|   |           |                  |                | Total            | 460308  |

Executive Engineer,  
B&R Sup. Dwn HP.PWD,  
Rohru.



# SCHEDULE OF QUANTITY

Earens Money Rs 426321/-  
Earens Money Rs 8526/-  
TIME : Two month

Name of work : - R/R damages to Ganasi Dhar Kadiwn Ghansi road km 0/0 to 11/200 (SHP/L G-III in various reaches at RD various road

| Sr No | Description of items   | Quantity | Rate in Figure. | Rate in Words | per cubic metre | Amount |
|-------|--|----------|-----------------|---------------|-----------------|--------|
| 1     | Providing laying spreading and compacting stone aggregates and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 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 density Grade -3 as per technical specification clause 405 including carriage of materials through all modes of transportation with in all leads and lifts as per direction of Engineer in charge | 140.70   |                 |               |                 |        |
|       | Total:-  |          |                 |               | Total           |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# DRAFT SCHEDULE OF QUANTITY

Name of work: R/R damages to Jakhar Tothani Rantari road km 0/0 to 3/0(SH-RWall at RD 1/240 to 1/260)

Estimated cost Rs 390066/-  
EARNEST MONEY Rs 7981/-  
TIME : Two month

| Sr No   | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|---------|--|----------|-----------------|---------------|-----------------|--------|
| 1       | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 and as per direction of the Engineer-in-Charge                             | 22.40    |                 |               | per cubic metre |        |
| 2       | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts within all leads and lifts as per directions of Engineer in charge | 56.20    |                 |               | per cubic metre |        |
| 3       | Providing and laying of boulder apron laid in wire crate with 4mm G.I wire conforming to IS 280mm IS 4826 100mm mesh (woven diagonally) including 10 percent extra laps and joints and wire some boulders weighing not less than 25kg as per drawing technical specification clause 1301 within all leads and lifts as per direction of Engineer in charge   | 125.00   |                 |               | per cubic metre |        |
| 4       | Back filling behind the abutment wing wall and return wall complete as per drawing and technical specification 1204.3.8 within all leads and lifts as per direction of Engineer in charge  | 6.20     |                 |               | per cubic metre |        |
| Total:- |  |          |                 |               | per cubic metre |        |

Total :-

Executive Engineer  
B&R Divn HP.PWD  
Rohru



# SCHEDULE OF QUANTITY

Estimated cost Rs 388093/-  
EARNEST MONEY Rs 7761/-  
TIME : Two month

| Name of work - R/R damages udnivas Jakhtar Throthani Rantari km 0/0 to 120/SH-C/O B/wall at RD 5/300 to 5/320 |  |          |                 |               |                 |        |
|---|--|----------|-----------------|---------------|-----------------|--------|
| Description of items  |  |          |                 |               |                 |        |
| Sr No   | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
| 1   | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 140.00   |                 |               | per cubic metre |        |
| 1   | 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. In ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge | 33.60    |                 |               | per cubic metre |        |
| 3   | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand: twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size of material through all modes of transportation within all leads and lifts and other incidentals.  | 9.60     |                 |               | per cubic metre |        |
| 4   | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand: eight graded crushed stone aggregate) 20 mm (twenty millimetre) nominal size of material through all modes of transportation within all leads and lifts and other incidentals.  | 4.00     |                 |               | per cubic metre |        |
| 5   | Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6 (One cement: six sand) complete as per drawing and technical specification clause 702, 704 1202 and 1203 HP/PWD Specification 1990 volume-1 within all leads and lifts as per direction of Engineer in charge   | 30.20    |                 |               | per cubic metre |        |
| 6   | Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etcetra for sub-structure and super structure complete as per drawing and MORD Technical Specification clauses 704.6 and 1302.5 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.                                       | 32.200   |                 |               | per cubic metre |        |
| Total:-   |  |          |                 |               |                 |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# SCHEDULE OF QUANTITY

Estimated cost Rs319160/-  
Earens money Rs6383/-  
Time :- One Month

Name of work : -R/R damages to Jakhar Thakulidhar Besrailla Bartu road km 0/0 to 4/0(SH-Maintenance of road un lined surface drain and branches bush cutting etc,

| Sr No. | Sub-head and Item of works.   | Quantity. | Rate in figures. | Rate in words | Unit.             | Amount |
|--------|---|-----------|------------------|---------------|-------------------|--------|
|        | Cleaning and grubbing road land including uprooting wild vegetation, gress bushes, shrubs and trees of girth up to 300mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable materials to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201 within all leads and lifts as per directions of Engineer in charge | 1.75      |                  |               | per hect.         |        |
| 2      | construction of unlined surface drain of average cross sectional area of 0.40 sqm in ordinary rock to specified lines grades levels and dimensions as per approved design and technical specification clause 307 excavated materials to be used in embankments at site within all leads and lifts as per directions of Engineer   | 3800      |                  |               | per running metre |        |

Executive Engineer  
B&R Division HP.PWD  
Rohru



# SCHEDULE OF QUANTITY

Rohru

Estimated cost Rs466060  
EARNEST MONEY Rs9320/-  
TIME : Two month

Name of work :- R/R damages to Udho Niwas Jakhar road km 0/0 to 120(SH-R)wall in wire crate at RD 7/315 to 7/335)

| Sr No | Description of Items   | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|-------|--|----------|-----------------|---------------|-----------------|--------|
| 1     | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiseling/wedging out of rock (where blasting is prohibited) as per drawing and MORD technical specification Clause 305.1 within all leads and lifts as per directions of Engineer in charge | 101.20   |                 |               | per cubic metre | 0      |
| 2     | Providing and laying of boulder apron laid in wire crastes with 4mm dia G.I wire conforming to I.S 4826 m 100mm mesh (woevenk diagonally)including 10 percent extra for laps and joints with stone boulders weighing not less than 25kg each as per drawing and technical clause 301 within all lead and lifts as per directions of Engineer in charge   | 125.00   |                 |               | per cubic metre | 0      |
| 3     | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including cartage of materials as per direction of Engineer in charge   | 66.00    |                 |               | per cubic metre | 0      |
|       |  |          |                 |               |                 | 140660 |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# SCHEDULE OF QUANTITY

Name of work :- Mehandli tikkar road km 0/0 to 28/560(SH- C/O B/wall at RD 10/945 to 10/965)

Estimated cost Rs 403802/-  
Earensst Money Rs 8076/-  
TIME : Two month

| Sr No | Description of Items   | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
|-------|--|----------|-----------------|---------------|-----------------|--------|
| 1     | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 47.60    |                 |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material. in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge                               | 32.40    |                 |               | per cubic metre |        |
| 3     | Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802.803.1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge  | 6.46     |                 |               | per cubic metre |        |
| 4     | Providing and laying mechanical mixed and vibrated cement concrete for plain/reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement four sand : eight graded crushed stone aggregate) 20 mm specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 4.20     |                 |               | per cubic metre |        |
| 5     | stone Random rubble masonry work in cement mortar 1:6 (1 cement : 6 sand) in foundation complete as per drawing and technical specification clause 702.704.1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge  | 39.64    |                 |               | per cubic metre |        |
| 6     | Construction of dry rubble masonry for retaining walls breast wall revementment walls and parapets etc for sub structure complete as per drawing and technical specification clause 704.6 and 1305. within all leads and lifts as per direction of Engineer in charge  | 34.05    |                 |               | per cubic metre |        |
|       | Total:-  |          |                 |               |                 |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru



# **SCHEDULE QUANTITY .**

**Name of work:** C/o link road from Tandali to Patsari 0/0 to 2/500(SH- F/C 5/7 metre wide road km 1/975 to 2/030)

Estimated cost:- 494210.00  
Earnest Money:- 9984/-  
Time :- two month

| sr No.         | Sub-Head/Item of work.   | Qty.         | Rate        |          | Unit.               | Amount. |
|----------------|--|--------------|-------------|----------|---------------------|---------|
|                |  |              | In Figures. | In Words |                     |         |
| 1              | 2<br>Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion,damage to hill side, Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to ine,grades,slops,width,camber,super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming/filling of unevenness blindage and finishing of the road to specified dimensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and recovery 359.94 cubic meter useful stones shall be made @170/-per cubic meter on prorata basis in each running bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge. | 3<br>1627.12 | 4           | 5        | 5<br>per cubic mete | 6       |
| <b>Total:-</b> |  |              |             |          |                     |         |

Executive Engineer  
B&R Divn HP,PWD  
Rohru

# SCHEDULE OF QUANTITY

Estimated cost Rs 490177/-  
Earens Money Rs 9108/-  
TIME : Two month

| Name of work -R/R Damages on Dhamwari to Gaiyani road km 0/0 to 3/0/SH- C/O R/wall at Rd 0/405 to 0/418.75) |  |          |                 |               |                 |        |
|---|--|----------|-----------------|---------------|-----------------|--------|
| Sr No   | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit            | Amount |
| 1   | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 14.44    |                 |               | per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge | 18.98    |                 |               | per cubic metre |        |
| 3   | Providing and laying of boulder apron laid in wire crates with 4mm Dia G.I wire conforming to IS 280 and 4826 in 100mm x 100mm mesh (woven boulder weighing not less than 25kg each as per drawing and technical specification within all leads and lifts as per directions of Engineer in charge  | 164.06   |                 |               | per cubic metre |        |
| 4   | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge  | 13.75    |                 |               | per cubic metre |        |
|   | Total:-  |          |                 |               |                 |        |

Executive Engineer  
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Rohru



## SCHEDULE OF QUANTITY

Name of Work:- C/O Link road to Baghi k.m. 0/0 to 3/00 (SH:- Widening of narrow reaches, at R.D. 0/615 to 0/720, 1/090 to 1/210, 1/285 to 1/405.)

Estimated Cost 4,04,279/-  
Earnest Money 8100/-  
Time 2 Months

| Sr No | Sub Head/items of work.  | Qty     | Rate in figures | Rate in word | Unit | Amount |
|-------|--|---------|-----------------|--------------|------|--------|
| 1     | Excavation in hilly area in all heights and depths in all kinds of soil by manual/mechanical means including saturated soil comprising of ordinary soil, soft rocks, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) and other intermediate classification of soil setting out true to the required line, graded width cutting and trimming of side slopes and level as shown on the drawing and as directed by the Engineer-in-Charge at site according to the M.O.R.D Technical Specification Clause 300, 1603.1, 1603.2, sorting out useful material and stacking the same in all leads and lifts in acquired width of the road and transportation of useful material for filling in road way, camber, embankments for grade improvements and disposal of all un-useful materials to required width of the road or on approved dumping sites, through all modes of transportation including head load or animals transport or mechanical means, along with its levelling fine dressing, and carriage of machineries, materials tools equipments and safety means and other incidentals necessary to complete the work by mechanical means and/or labour if required. All useful materials such as stone, shingles, aggregates, sand and slates shall be sorted out and stacked along road side which shall not be less than 1/3 (One third) for blasting work hard rock 1/6th (One sixth) blasting work soft rock 1/10th (one 10th) jumper work in all cases failing which recovery shall be effected on the prevailing market rates. Any loss to the public/private property during the course of execution shall be the absolute responsibility of the entire Contractor which shall have to be duly compensated by him in all cases as per direction of the Engineer-in-Charge including carriage of material within all leads and lifts. The rate including octroi, royalty Malkana, toll tax sale tax or other taxes imposed by the Government. A recovery of useful stones 212.40 cum. metre @ Rs. 300/- Per cubic metre shall be done on pro-rata basis in each running bill for this item. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The serviceable material will be stacked out specified/ dimension in all leads and lift as per the direction of Engineer in charge | 1593.00 |                 |              | Cum  |        |
| Total |  |         |                 |              |      |        |

  
Executive Engineer,  
Rohru Division HP PWD,  
Rohru.

**SCHEDULE OF QUANTITY**

**Name of Work:- R/R Dameges on Chirgaon Gushali Rohal road k.m. 0/0 to 16/00 (S.H.- C/O B/Wall in wire crate at R.D. 8/545 to 8/590.)**

|        |   |           |                  |                |          | Estimate Cost | 4,33,598/- |
|--------|---|-----------|------------------|----------------|----------|---------------|------------|
|        |   |           |                  |                |          | Earnest Money | 8700/- ✓   |
|        |   |           |                  |                |          | Time          | 2 Month.   |
| Sr. No | Sub-head and item of works.   | Quantity. | Rate in figures. | Rate in words. | Unit     | Amount.       |            |
| 1      | Excavation in soil in Hilly Area in all kind of sand by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603 1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge  | 127.35 ✓  |                  |                | Per Cum. |               |            |
| 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and hanged over to the department free of cost including all leads and lifts as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge | 23.40     |                  |                | Per Cum. |               |            |
| 3      | Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS 4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301 or as directed by the Engineer-In-Charge   | 140.63    |                  |                | Per Cum  |               |            |
| Total  |   |           |                  |                |          |               |            |

  
 Executive Engineer  
 B&R Divd. HP-PWD  
 Rohru.



# SCHEDULE QUANTITY .

Name of work :- winding of link road to village Tandali km 0/0 to 1/500(SH-winding of narrow reanches at RD 1/150 to 1/165)

Estimated cost:- 111023/-  
Earnest Money:- 2220/-  
Time :- two months

| Sl. NO. | Sub-Head/Item of work.   | Qty.   | Rate        |          | Unit.           | Amount. |
|---------|--|--------|-------------|----------|-----------------|---------|
|         |  |        | In Figures. | In Words |                 |         |
| 1       | Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side. Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to line, grades, slopes, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming filling of unevenness blindage and finishing of the road to recovery of useful stones shall be made from the contractor and recovery 82.82 cubic meter useful stones shall be made @170/-per cubic meter on prorata basis in each running bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The serviceable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge. | 318.76 | 4           | 5        | per cubic metre | 6       |
|         |  |        |             |          | Total:-         |         |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# SCHEDULE OF QUANTITY

Estimate Cost Rs477911/-  
Earnest Money Rs9558/-  
Time Two month

Name of work :-R/R damages to Dhamwari to Goakswari road km 0/0 to 5/300(SH- Providing and laying essential Kharanja stone soling Rd 1/800 to 2/045).

| Sr.No | Sub-head and item of works.  | Quantity. | Rate in figures. | Rate in words. | Unit            | Amount. |
|-------|--|-----------|------------------|----------------|-----------------|---------|
| 1     | Preparation of sub grade by dressing to camber (Earth work for the cutting involved for sub-grade to be paid for separately depending upon the classification of soil completed as per HP.PWD specifications within all leads and lifts as per directions of Engineer in charge  | 902.83    |                  |                | Per Sqm         |         |
| 2     | Consolidation of sub grade with road roller including making good the undulation etc. with earth or quarry soil etc. and rerolling the sub-grade completed as per HP.PWD specifications and as directed by the Engineer in Charge.   | 902.83    |                  |                | Per Sqm         |         |
| 3     | Stone soling properly hand packed filling interstices with spalls and consolidating with power road roller to the requested gradient and casamber including spreading watering and rolling of binding materials moorum earth etc. as per HP.PWD specification 230 mm spread thickness finished work including material and labour within all leads and lifts as per directions of Engineer in charge | 207.65    |                  |                | per cubic metre |         |
|       |  |           |                  |                | Total:-         |         |

Executive Engineer  
B&R Divn HP.PWD  
Rohru



Estimated cost Rs476072/-  
Earent Money Rs 9520/-  
TIME : Two month

# SCHUEDLE OF QUANTITY

Name of work -C/O link road Todsa to HB Limbra km 0/0 to 2/0 (SH- C/O B/wall at RD 1/295 to 1/320

| Sr No   | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit           | Amount |
|---------|--|----------|-----------------|---------------|----------------|--------|
| 1       | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 52.00    |                 |               | per cubic mtre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material, in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge                               | 40.00    |                 |               | per cubic mtre |        |
| 3       | Providing and laying cement concrete 1:6:12 (one cement six sand twelve graded stone aggregate 40mm nominal size for plain/reinforced concrete in open foundation complete as per drawing and technical specification clause 802.803.1202 and 1203 including carriage of materials within all leads and lifts as per directions of Engineer in charge  | 6.75     |                 |               | per cubic mtre |        |
| 4       | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand: eight graded crushed stone aggregate) 20 mm specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals. | 5.00     |                 |               | per cubic mtre |        |
| 5       | Random rubble masonry polygonal rubble masonry uncoursed /brought to courses with hard stone of approved quality in foundation and plinth cement mortar 1:6(1cement:6sand)breast wall and retaining wall within all leads and lifts as per directions of Engineer in charge  | 36.70    |                 |               | per cubic mtre |        |
| 6       | construction of dry rubble masonry for retaining wall breast wall revetment wall and paraets etc for sub structure super structure complete as per drawing and technical specification clause 704.6 and 1302.5 within all leads and lifts as per directions of Engineer in charge  | 46.78    |                 |               | per cubic mtre |        |
| Total:- |  |          |                 |               |                |        |

Executive Engineer  
B&R Divn HP.PWD  
Rohru

**SCHEDULE OF QUANTITY**

Estimated cost R357463/-  
EARNEST MONEY 7149.00  
TIME : Two month

| Name of work -Construction of Lakadhar mini Gadham road km 0/0 to 3/0(SH- C/O Rwall at Rd 0/585 to 0/596) |  |          |                 |               |                     |        |
|---|--|----------|-----------------|---------------|---------------------|--------|
| Sr No   | Description of items   | Quantity | Rate in Figure. | Rate in Words | unit                | Amount |
| 1   | Excavation in soil in Hilly Area by manual means including cutting and trimming of side slopes and disposing of excavated earth with in all leads and lifts as per drawing and Technical Specification Clause 1603.1 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 16.72    |                 |               | per per cubic metre |        |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge  | 19.85    |                 |               | per per cubic metre |        |
| 3   | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:6:12 (One cement: six sand : twelve graded crushed stone aggregate) 40 mm (forty millimetre) nominal size coal specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals. | 20.90    |                 |               | per per cubic metre |        |
| 4   | Providing and laying mechanical mixed and vibrated cement concrete for plain/ reinforced concrete in open foundation for all type of structure complete of plain cement concrete nominal mix 1:4:8 (One cement: four sand : eight graded crushed stone aggregate) 20 mm specification clauses 802.803.1202 and 1203 as per direction of Engineer-in-Charge including carriage of material through all modes of transportation with in all leads and lifts and other incidentals.                                       | 1.94     |                 |               | per per cubic metre |        |
| 5   | Random masonry /stone masonry uncoursed brought to courses with hard stone of approved quality in foundation and plinth in cement mortar 1:6 (cement :sand) complete as per drawing and technical specification clause 702.704.1202 and 1203 HP/PWD specification 1990 volume-1 within all leads and lifts as per direction of Engineer in charge  | 22.29    |                 |               | per per cubic metre |        |
| 6   | Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etcetra for sub-structure and super structure complete as per drawing and MORD Technical Specification clauses 704.6 and 1302.5 and as per the direction of the Engineer-in-Charge including carriage of material through all modes of transportation within all leads and lifts and other incidentals.   | 29.81    |                 |               | per per cubic metre |        |
| 7   | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including carriage of materials as per direction of Engineer in charge  | 8.25     |                 |               | per per cubic metre |        |
|   | <b>Total:-</b>   |          |                 |               | <b>total</b>        |        |

Executive Engineer  
B&R Divn HP PWD  
Rohru



# SCHEDULE OF QUANTITY

Estimated cost Rs 497481/-

Earnest money Rs 10000/-

Time :- Two month

Name of work :- C/o linkroad Panchha to Kinrada (King Nagar)\*SH-F/C 5/7 metre at Rd 0/135 to 0/300

| SINO.   | Sub-Head/Item of work.   | Quantity | Rate        |          | Unit.           | Amount. |
|---------|--|----------|-------------|----------|-----------------|---------|
|         |  |          | In Figures. | In Words |                 |         |
| 1       | Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to ine, grades, slopes, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming/filling of unevenness blindage and finishing of the road to specified dimensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and recovery 216.57 cubic meter useful stones shall be made @300/-per cubic meter on prorata basis in each running bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge. | 2179.35  | 4           | 5        | per cubic metre | 6       |
| Total:- |  |          |             |          |                 |         |

Executive Engineer  
B&R Divn HP, PWD  
Rohru

# SCHEDULE OF QUANTITY

Estimate Cost 4,72,513/-  
Earnest Money 9500/-  
Time 2 Month.

Name of Work.: C/O Link road to HB Hanstari Dhar k.m. 0/0 to 1/500 (SH:- C/O R/Wall in wire crate at R.D. 0/810 to 0/830)

| Sr. No | Sub-head and item of works.   | Quantity. | Rate in figures. | Rate in words. | Unit     | Amount. |
|--------|---|-----------|------------------|----------------|----------|---------|
| 1      | Excavation in soil in Hilly Area in all kind of sand by mechanical means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.   | 58.80     |                  |                | Per Cum. |         |
| 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts as per HPPWD, specification of 1990 Volume-I or as directed by the Engineer-In-Charge | 35.00     |                  |                | Per Cum. |         |
| 3      | Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS 280 and IS 4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each, as per drawing and technical specifications Clause 1301 or as directed by the Engineer-In-Charge  | 156.25    |                  |                | Per Cum. |         |
|        | Total   |           |                  |                |          |         |

Executive Engineer  
B&R Divn. HP.PWD  
Rohru.



Name of Work:-C/o Govt PG Degree Collage Seema.

Schedule of Qty

Sh:- C/o B/wall in RR Masonery 1:6 at RD 0/00 to 0/025

| Sr. No | Description of Items.  | Qty   | Unit | ESTIMATED COST       |               | Amount. |
|--------|--|-------|------|----------------------|---------------|---------|
|        |  |       |      | EARNEST MONEY        | TIME LIMIT:   |         |
| 1      | 2  | 3     | 4    | Rate<br>In Fig.<br>5 | In Words<br>6 | 7       |
| 1      | 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   | 22.5  | cum  | 185.40               |               |         |
| 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material and as per HPPWD specification of 1990 volume-I or as directed by the Engineer-In-Charge. | 12.25 | cum  | 395.00               |               |         |
| 3      | Stone masonry in cement mortar for substructure complete as per drawing & technical specification Clause 702, 704, 1202 and 1204 Random rubble masonry in cement mortar (1:6) including carriage of materials with in all leads and lifts as per direction of Engineer-in-Charge.  | 89.25 | cum  | 5210.00              |               |         |
| Total  |  |       |      |                      |               |         |

  
Executive Engineer  
B&R Division HPPWD  
Rohru

## DNIT

A/R &amp; M/O Civil Judge Cum ACJM Building at Rohru (SH:- P/F Tile and manhole chamber)

| A/R & M/O Civil Judge Cum ACJM Building at Rohru (SH:- P/F Tile and manhole chamber) |   |      |      |                |          |          |
|--|---|------|------|----------------|----------|----------|
|  |   |      |      | ESTIMATED COST |          | 499271   |
|  |   |      |      | EARNEST MONEY  |          | 9985     |
|  |   |      |      | TIME LIMIT:    |          | 3 Months |
| Sr. No   | Description of Items.   | Qty  | Unit | Rate           | In Words | Amount.  |
|  |   |      |      | In Fig.        | 6        |          |
| 1  | 2   | 3    | 4    | 5              |          | 7        |
| 1  | Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone- III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4.8 mix (1 cement : 4 coarse sand (zone- III) ) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2.4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design :inside size 90x80 cm and 45 cm deep<br>including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 Kg (weight of cover 23 Kg and weight of frame 15 kg) With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | 4    | each |                |          |          |
| 2  | Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)   |      |      |                |          |          |
|  | In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)  | 174  | sqm  |                |          |          |
|  | 15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand)   | 1132 | sqm  |                |          |          |
| 4  | Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid.  | 4    | Each |                |          |          |
| Total  |   |      |      |                |          |          |


Executive Engineer  
B&R Division HPPWD  
Rohru



# **Schedule of Qty**

**A/R & M/O Civil Judge Cum ACJM Building at Rohru (SH:- Painting and white washing etc.)**

| Sr. No | Description of items.  | Qty     | Unit | ESTIMATED COST  |          |            |
|--------|--|---------|------|-----------------|----------|------------|
|        |  |         |      | EARNEST MONEY   |          |            |
|        |  |         |      | TIME LIMIT:     |          | Two Months |
|        |  |         |      | Rate<br>In Fig. | In Words | Amount.    |
| 1      | 2  | 3       | 4    | 5               | 6        | 7          |
| 1      | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles above 25 mm and up to 40 mm                                  | 36.39   | sqm  |                 |          |            |
| 2      | Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead                                   | 11.32   | sqm  |                 |          |            |
| 3      | Demolishing thatch roofing including mats, bamboo, jaffari etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.                      | 53.54   | sqm  |                 |          |            |
| 4      | Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade New work (two or more coats) over and including water thinnable priming coat with cement primer | 3445.82 | sqm  |                 |          |            |
| 5      | Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work   | 424.04  | sqm  |                 |          |            |
|        | Total  |         |      |                 |          |            |

  
**Executive Engineer**  
**B&R Division HPPWD**  
**Rohru**

# SCHEDULE OF QUANTITY

Estimated cost Rs446289/-

EARNEST MONEY Rs9000/-

TIME : Two month

RD 0/538 to 0/568

| Sr No | Description of Items  | Quantity | Rate in Figure. | Rate in Words | Unit            | Amount |
|-------|---|----------|-----------------|---------------|-----------------|--------|
| 1     | Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drains and parapets etcetera in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rocks, chiselling/wedging out of rock (where blasting is prohibited) as per drawing and MORR technical specification Clause 305.1 within all leads and lifts as per directions of Engineer in charge | 48.90    |                 |               | per cubic metre |        |
| 2     | Providing and laying of boulder apron laid in wire crastes with 4mm dia G.I wire conforming to I.S 4826 m 100mm mesh (woovevenk diagonally) including 10 percent extra for laps and joints with stone boulders weighing not less than 25kg each as per drawing and technical clause 301 within all lead and lifts as per directions of Engineer in charge   | 140.63   |                 |               | per cubic metre |        |
| 3     | Back filling behind abutment wing wall and return wall with granular materials complete as per drawing and technical specification clause 1204.3.8 including cartage of materials as per direction of Engineer in charge  | 21.15    |                 |               | per cubic metre |        |

Executive Engineer  
B&R Divn HP, PWD  
Rohru



# SCHEDULE OF QUANTITY

Earens Money Rs 498132/-  
Earens Money Rs 9963/-  
TIME : Two month

Name of work : - R/R damages to Ganasi Dhar Kadiwn Ghansi road km 0/0 to 11/200 (SHP/L G-III in various reaches at RD 6/800 to 8/0)

| Sr No   | Description of items   | Quantity | Rate in Figure. | Rate in Words | per cubic metre | Amount |
|---------|--|----------|-----------------|---------------|-----------------|--------|
| 1       | Providing laying spreading and compacting stone aggregates and compacting stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 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 density Grade -3 as per technical specification clause 405 including carriage of materials through all modes of transportation with in all leads and lifts as per direction of Engineer in charge | 164.84   |                 |               |                 |        |
| Total:- |  |          |                 |               | Total           |        |

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# SCHEDULE OF QUANTITY

Name of work:-C/O link road to Hingori road km 0/0 to 2/0(SH- formation curring 5/7 metre wide road at RD 0/835 to 0/855)

Estimated cost 146197/-  
Earnest money Rs2925/-  
Time :- Two month

| SINO.   | Sub-Head/Item of work.   | Quantity | Rate        |          | Unit.           | Amount. |
|---------|--|----------|-------------|----------|-----------------|---------|
|         |  |          | In Figures. | In Words |                 |         |
| 1       | Excavation in earth work in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damage to hill side, Water pollution, etc and to protect soil stability of hill side rock shall be excavated with chiseling and wedging our rock (where blasting is prohibited). All earth work in cutting/excavation including rock excavation shall be carried out true to ine, grades, slopes, width, camber, super elevation and level as shown on the drawing as per direction of Engineer in Charge in conformity with the requirement of technical specification for rural roads august 2004 clause 16.2 of general conditions of contract to achieve designed formation width including hauling and stacking of material useful for construction at suitable sites and stage, disposal of unsuitable cut material in specified manner, trimming/filling of unevenness blindage and finishing of the road to specified dimensions or as directed by Engineer in charge for smooth riding. The recovery of useful stones shall be made from the contractor and recovery 477.90 cubic meter useful stones shall be made @300/-per cubic meter on prorata basis in each running bill. Any loss to the public and private property during the course of excavation shall be resorted by the contractor what so ever the nature of the same may be. The servicable material will be stacked out specified /dimension in all leads and lifts as per the direction of Engineer in Charge. | 326.70   |             |          | per cubic metre |         |
| Total:- |  |          |             |          |                 |         |

Excutive Engineer  
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Rohru

# SCHEDULE OF QUANTITY

Estimated cost Rs405285/-  
 Earnst Money Rs 8105/-  
 TIME : Three month

Name of work:-R/R Damages on Rohru Arhal Bashla road (SH- Providing wire mesh at Rd 0/025 to 0/071).

| Sr No | Description of items  | Quantity | Rate in Figure. | Rate in Words | unit          |  |
|-------|---|----------|-----------------|---------------|---------------|--|
| 1     | 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 a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material in ordinary rocks up to 3 mtr depth within all leads and lifts as per directions of Engineer in charge | 2.96     |                 |               | per per cubic |  |
| 2     | cement oncrete flooring 1:2:4 (1cement :2sand :4graded stone aggregate finished with floating coat of neat cement including cement slurry but including the cost of nosing of steps complete within all leads and lifts as per directions of Engineer in charge   | 6.86     |                 |               | per per cubic |  |
| 3     | Steel work welded in built up section trusses and frame work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials within all leads and lifts :-in greating framed guard,bars ladder and riling brackes and similar works withn all leads and lifts as per directions of Engineer in charge   | 1807.29  |                 |               | per kg        |  |
| 4     | Providing and fixing G.I chain link fabric fencing of required with in mesh the 50x50mm including strengthening with 2mm dia wire or nuts bolts and washer required complete as per direction of Engineer in charge Mode of G.I wire of dia 4mm within all leads and lifts as per directions of Engineer in charge  | 110.40   |                 |               | per sqm       |  |
|       | Total:-   |          |                 |               |               |  |

Executive Engineer  
 B&R Divn HP PWD  
 Rohru



# SCHEDULE OF QUANTITY

|                |            |
|----------------|------------|
| Estimated Cost | 4,12,873/- |
| Earnest Money  | 8300/-     |
| Time           | 2 Months   |

Name of work :- R/R Darnages to Dhara Narpa Pokta road k.m. 0/0 to 7/00. (SH:- C/O R/wall in PCC 1:4:8 at R.D. 5/585 to 5/606.50)

| Sub-head and Item of works.  | Quantity. | Rate in figures. | Rate in words. | Unit.           | Amount. |
|--|-----------|------------------|----------------|-----------------|---------|
| 1 Excavation in soil in Hilly Area in all kind of sand by mechanical/manual means including cutting and trimming of side slopes and disposing of excavated earth with a lift upto any lead and lift as per Technical Specification Clause 1603.1 and as per HPPWD, specification of 1990 Volume-I, or as directed by the Engineer-In-Charge.   | 29.03     |                  |                | Per cubic meter |         |
| 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 a any lead and lift, dressing of sides and bottom and backfilling in trenches with excavated suitable material useful material available from excavation to be properly stacked and handed over to the department free of cost including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge | 35.48     |                  |                | Per cubic meter |         |
| 3 Providing and Laying concrete concrete 1:6:12 (1 cement: 6 sand: 12 graded stone aggregate 40mm nominal size) for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge   | 8.82      |                  |                | Per cubic meter |         |
| 4 Providing and Laying concrete concrete 1:4:8 (1 cement: 4 sand: 8 graded stone aggregate 25mm nominal size) in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 including all leads and lifts, as per HPPWD, specification of 1990 volume-I or as directed by the Engineer-In-Charge   | 59.13     |                  |                | Per cubic meter |         |
| 5 Providing weephole in brick masonry/stone masonry plain/reinforcement cement concrete abutment wing wall return wall with 100mm dia AC pipe extending through the full width of structure with stop of 1(V)/20(H) towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3.7.  | 18.00     |                  |                | Each            |         |
|  |           |                  |                | <b>Total</b>    |         |

Executive Engineer  
B&R Divn. H.P. PWD  
Rohru