

**Himachal Pradesh  
Public works Department**

**Notice inviting Tender**

Sealed percentage rate tenders on form 6 & 8 are invited by the Executive Engineer, Gohar Division, H.P.PWD: Gohar for the following works from the approved and eligible contractors enlisted in H.P.PWD so as to reach in his office on or before **23-10-2024 up to 11.00 A.M.** and will be opened on the same day at 11.30 A.M. in the presence of intending contractors or their authorized representatives. The D.N.I.T. tender documents can be had from this office against cash payment (Non refundable) up to 5.00 P.M. on **22-10-2024**. The applications for issue of tender forms will be received up to **2.00 P.M. on 21-10-2024**.

The earnest money in the shape of National Saving Certificate/ Time deposit accounts/Saving account/F.D. Rs. in any of the Post Office/Nationalized Banks in Himachal Pradesh duly pledged in favour of the Executive Engineer must accompany the request for issue of tender form for each work. Conditional tenders and the tenders received without earnest money will summarily be rejected. The Executive Engineer reserves the right to reject the tenders without assigning any reason. It is further added that the rates be quoted both in words and figures for proper checking to avoid any complications. If the date of opening will be holiday, the tenders will be opened on the next working day at the same time.

Sr. No.	Name of road/work	Estimated Cost	Earnest Money	Time limit
1.	RRD on Dhanotu Rohangaloo road Km 0/00 to 32/400 (SH:- construction of R/Wall for protection of road at RD 15/463 to 15/475) under Telecom Deposit	304610	6100	Two Months
2.	RRD on Dhanotu Rohangaloo road Km 0/00 to 32/400 (SH:- construction of R/Wall for protection of road at RD 14/040 to 14/055) under Telecom Deposit	274632	5500	Two Months
3.	RRD on Chambi kangar road Km 0/00 to 4/00 (SH:- construction of PCC B/wall at RD 1/270 to 1/282)	234313	4700	Two Months
4.	RRD on Badhu Shilanu Nachhet road Km 0/00 to 5/100 (SH:- C/o PCC B/wall at RD 3/00 to 3/010)	167939	3400	Two Months
5.	Construction of Sukkibain to sarogi road via Chhibba Killing Dahal or upto Dhahad Km 0/0 to 4/500 (SH:- C/o Stone masonry R/wall at RD 0/960 to 0/985)Under SCDP	393040	7900	Two Months
6	Construction of Sukkibain to sarogi road via Chhibba Killing Dahal or upto Dhahad Km 0/0 to 4/500 (SH:- C/o Stone masonry B/wall at RD 0/960 to 1/010)Under SCDP	269432	5400	Two Months
7	Construction of Shilanu Taru road Km 0/00 to 5/500 (SH:- C/o of RCC Hume Pipe culvert with both side PCC wing wall at RD 1/300) Under OTMNP	308987	6200	Two Months
8	A/R & M/O Chail Gohar pandoh road Km 0/00 to 24/00 (SH:- Providing and laying correction layer of BM at km 7/500 to 8/00)	101164	2100	Two Months
9	A/R & M/O Chail Gohar pandoh road Km 0/00 to 24/00 (SH:- Providing and laying correction layer of BM at km 7/500 to 7/500)	101376	2100	Two Months



10	Construction of Neouri to Katwandi road Km 0/00 to 4/00 (SH:- construction of 900 mm Hume pipe Culvert at RD 1/870)Under OTMNP	210855	4300	Two Months
11	Construction of jhungi Matyog road Km. 0/00 to 9/00 (SH:- construction of R/wall at RD 0/135 to 0/162)Under OTMNP	497835	10000	Two Months
12	Construction of Jhungi Matyog road Km. 0/00 to 9/00 (SH:- construction of R/wall at RD 0/525 to 0/551) Under OTMNP	477208	9600	Two Months
13	Construction of Link road from Bahi to Babag road Km. 0/00 to 1/00 (SH:- Construction of 900 mm Hume pipe culvert at RD 0/070, edge wall at RD 0/020 to 0/022, CC and soling km. 0/00 to 0/106)under OTMNP	498138	9700	Two Months
14	Improvement of black spot on Moviseri Chhaprahan road km 0/00 to 14/00 (SH:- ROFD at RD 13/125 to 13/225 and 13/625 to 13/770)	489735	2000	Two Months
15	A/R & M/O HPPWD Rest House Gohar at Bassa Tehsil chachiot Distt. Mandi HP (SH:- P/L Painting and Distempering etc.)	352350	7100	Two Months
16	RRD on Dhaban Tamroh Chauntra road km 0/00 to 5/500 (SH:- Balance work of wire R/wall at RD 4/720 to 4/740) Job No.1	443275	8900	Two Months
17	RRD on Dhaban Tamroh Chauntra road km 0/00 to 5/500 (SH:- Balance work of wire R/wall at RD 4/720 to 4/740) Job No.II	354620	7100	Two Months
18	RRD on Dhaban Tamroh Chauntra road km 0/00 to 5/500 (SH:- Balance work of wire R/wall at RD 4/720 to 4/740) Job No.III	470760	9500	Two Months
19	Construction of Bharari Palahota Serad road Km. 0/0 to 3/900 (SH:- Construction of PCC R/wall at RD 0/954 to 960) OTMNP	275849	5600	Two Months
20	Construction of Bharari Palahota Serad road Km. 0/0 to 3/900 (SH:- Construction of PCC wing wall existing of Hume pipe culvert at RD 0/947 to 950) OTMNP	159150	3200	Two Months
21	Restoration on Dhanotu Rohangaloo road Km. 0/00 to 32/400 (SH:- Construction of PCC R/wall for protection of road at RD 20/665 to 20/675	160560	3300	Two Months
22	Restoration on Dhanotu Rohangaloo road km. 0/0 to 32/400 (SH:- Construction of PCC R/wall for protection of road at RD 16/070 to 16/081) Under Telecom Deposit	481112	9700	Two Months
23	RRD on Chambi Kangar road km 0/0 to 5/00 (SH:- construction of PCC R/wall at RD 5/420 to 5/427)	390020	6800	Two Months
24	RRD on Mahadev Dinak via Behli road Km. 0/00 to 5/500 (SH:- C/o PCC U-Shape drain at RD 1/020 with Steel work and Under Groud RCC NP2 600mm dia Pipe)	484643	10000	Two Months



25	RRD on Syanh Dhaban Bhayarta road Km. 0/00 to 6/200 (SH:- C/o of RCC railing both side of bridge at RD 0/135)	128438	2600	Two Months
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**Certified that tender of above works are being called for emergent nature in exigency of public interest.**

**GENERAL CONDITIONS:-**

1. The Contractors are required to submit the valid Enlistment/GST registration and latest ITR alongwith application form.
2. The Contractors should quote the rates of all the items in the tenders both in figures and words.
3. The tender forms will not be issued to those contractors whose performance is not found satisfactory.
4. An undertaking will have to be given by the contractor that he has not more than two works in hand at the time of opening of this tender.
5. Contractors will have to submit appropriate Earnest Money in the shape of F.D.R along with the application form for getting issued the tender forms. Applications with out EMD shall be summarily rejected.
6. As per Govt. Notification No.PBW(B)A(3)1/2020-I dated 07-10-2021 the tenders above 5% of estimated cost will be summarily rejected. The tender offered below 30 % will also be accepted as per the office letter No. Engineer-in- Chief office letter No. PW-CTR/32-20/Genl Inst. CPWD-2020-37996-38096 dated 13.03.2023 and further ex- post-facto approval has been granted by the Principal Secretary (PW) to the Govt. of H.P. letter No. PBW (B) A(3)1/2020-I dated 10.05.2023. Beside this the additional performance security will have to borne by the bidders as per the said notifications.
7. The contractor can apply only for one work at a time.
8. Conditional and incomplete tenders shall be rejected.
9. The Executive Engineer reserves the right to accept or reject the tender without any reason.

Executive Engineer,  
Gohar Division (B&R),  
HPPWD Gohar.  
Dated: 09-10-2024

**No. PW-GHR-Tender/NIT/2024 ÷ 6354-63**  
**Copy along with Tender inviting Notice forwarded for information:-**

1. The Deputy Commissioner, Mandi H.P.
2. The Engineer-in-Chief HP.PWD.Shimla.
3. The Superintending Engineer 1<sup>st</sup>Circle, HP.PWD Mandi.
4. The Executive Engineer (IT Cell) O/O Engineer-in-Chief, HPPWD Nirman Bhawan, Nigam Vihar, Shimla-2 for uploading the NIT on departmental website please.
5. The Sub- Divisional Officer (Civil) Chachiot at Gohar.
6. The Block Development Officer Gohar.
7. The Assistant Engineer HPPWD Sub- Division Gohar/Dhanotu.
8. Various contractors.
9. Notice Board/DB/AB.

Executive Engineer,  
Gohar Division (B&R),  
HPPWD.,Gohar.

# BILL OF QUANTITY

Name of work :- RRD on Dhanotu Rohangaloo road Km 0/00 to 32/400 (SH:- Construction of R/Wall for protection of road at RD 15/463 to 15/475) Under Telecom Deposit

Estimated cost Rs. - 3,04,610/-  
Earnest Money cost Rs. 6100/-  
Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	32.40	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	57.60	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	7.44	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	21.00	Each			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					



# BILL OF QUANTITY

ae of work :- RRD on Dhanotu Rohangaloo road Km 0/00 to 32/400 (SH:- Construction of R/Wall for protection  
road at RD 14/040 to 14/055) Under Telecom Deposit

Estimated cost Rs. - 2,74,632/-

Earnest Money cost Rs. 5500/-

Time - Two Month

R. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	23.40	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	51.98	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	8.55	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	17.00	Each			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					

BILL OF QUANTITY						
Name of work :- RRD on Chambhi Kangar road KM 0/00 to 4/00 (SH:- Construction of PCC B/wall at RD 1/270 to 1/282)				Estimated cost Rs. - 2,34,313/-		
				Earnest Money cost Rs. 4700/-		
				Time - Two Month		
SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
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. Ordinary soil (i) Upto 3 m depths per direction of Engineer -in -Charge complete in all respect.	7.92	per Cubic metre			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40 mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	47.52	per Cubic metre			
3	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	10.00	Each			
Total:-						
Quoted rate in figure						
Quoted rate in words						



# **BILL OF QUANTITY**

**Name of work :- RRD on Badhu Shilanu Nachhet road km 0/0 to 5/100(SH:- Construction of PCC B/Wall at RD 3/00 to 3/010)**

**Estimated cost Rs. - 1,67,939/-**

**Earnest Money cost Rs. 3400/-**

**Time - Two Month**

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	21.65	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	33.00	Per Cubic meter			
3	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	7.00	Each			
	<b>Total:-</b>					
	<b>Quoted rate in figure</b>					
	<b>Quoted rate in words</b>					

# BILL OF QUANTITY

Name of work :- Construction of Sukkibain to sarogi road via Chhibba Killing Dahal or upto Dhahad km 0/0 to 4/500(SH:- Construction of Stone Masonary R/Wall at RD 0/960 to 0/985) Under SCDP

Estimated cost Rs. - 3,93,040/-

Earnest Money cost Rs. 7900/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	12.75	Per Cubic meter			
2	Providing and laying cement concrete 1:6:12 (one cement : six sand twelve graded crashed stone aggregate 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals .as directed by Engineer-incharge.	9.20	Per Cubic meter			
3	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704,1202 and 1204 ( random rubble masonry in cement mortar . 1:6( one cement : six sand ) within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge complete in all	30.07	Per Cubic meter			
4	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 carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge completer in all respect.	49.78	Per Cubic meter			
5	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	7.94	Per Cubic meter			
	<b>Total:-</b>					
	<b>Quoted rate in figure</b>					
	<b>Quoted rate in words</b>					

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# BILL OF QUANTITY

Name of work :- Construction of Sukkibain to sarogi road via Chhibba Killing Dahal or upto Dhahad km 0/0 to 4/500(SH:- Construction of Stone Masonary B/Wall at RD 0/990 to 1/010) Under SCDP

Estimated cost Rs. - 2,69,432/-

Earnest Money cost Rs. 5400/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	21.65	Per Cubic meter			
2	Providing and laying cement concrete 1:6:12 (one cement : six sand twelve graded crashed stone aggregate 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals .as directed by Engineer-incharge.	6.90	Per Cubic meter			
3	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704,1202 and 1204 ( random rubble masonry in cement mortar . 1:6( one cement : six sand ) within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge complete in all	27.39	Per Cubic meter			
4	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 carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge completer in all respect.	23.29	Per Cubic meter			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					

# BILL OF QUANTITY

Name of work :- Construction of Shilanu Taru road Km 0/00 to 5/500 (SH:- Construction of RCC Hume pipe Culvert with both side PCC wing wall at Rd 1/300) Under OTMNP

Estimated cost Rs. - 3,08,987/-

Earnest Money cost Rs. 6200/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	52.92	Per Cubic meter			
2	Providing and Laying concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 within all leads , lifts and carriage of materials and other incidentals as directed by Engineer-incharge.	3.14	Per Cubic meter			
3	Providing and laying flooring laid over cement concrete bedding complete as per drawing and technical specification Clause 1303 within all leads , lifts and carriage of materials and other incidentals as directed by Engineer-incharge.	0.45	Per Cubic meter			
4	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704, 1202 and 1204 ( random rubble masonry in cement mortar : 1:6 (one cement : six sand ) within all leads , lifts and carriage of materials and other incidentals as per direction of Engineer -in -Charge complete in all respect.	8.80	Per Cubic meter			
5	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	37.68	Per Cubic meter			
6	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 900 mm dia. R.C.C. pipe as per direction of Engineer -in -Charge complete in all respect.	7.50	Per Running meter			
7	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals as per direction of Engineer -in -Charge completer in all respect.	5.28	Per Cubic meter			

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Providing weep hole in brick masonry / stone masonry / plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of	10.00	Each			
Total:-					
Quoted rate in figure					
Quoted rate in words					

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 Executive Engineer  
 Gohar Division (B&R)  
 HP.PWD Gohar.

# BILL OF QUANTITY

Name of work :- A/R & M/O Chail Gohar Pandoh road Km 0/00 to 24/00 (SH:- Providing and laying Correction layer of BM at km 7/500 to 8/00)

Estimated cost  
Rs. -

1,01,164.00

Earnest Money cost Rs. 2100.00

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1.00	Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom On bituminous surface @ 0.25kg/sqm (zero point two five kilogram per square metre) as per specification, complete and as per directions of Engineer-in-Charge.	191.60	Per Square metre			
2.00	Providing and laying 30 mm (thirty milimetre) compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.	9.58	per Cubic metre			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					

Executive Engineer  
Gohar Division  
H.P.P.W.D. Gohar



# BILL OF QUANTITY

Name of work :- A/R & M/O Chail Gohar Pandoh road Km 0/00 to 24/00 (SH:- Providing and laying Correction layer of BM at km 7/00 to 7/500)

Estimated cost  
Rs. -

1,01,376.00

Earnest Money cost Rs. 2100.00

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1.00	Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom On bituminous surface @ 0.25kg/sqm (zero point two five kilogram per square metre) as per specification, complete and as per directions of Engineer-in-Charge.	192.06	Per Square metre			
2.00	Providing and laying 30 mm (thirty milimetre) compacted thickness with bitumen of grade VG-30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in Batch Type Hot Mix Plant of 100-120 TPH capacity Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.	9.60	per Cubic metre			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					

Executive Engineer  
Gohar Division  
H.P.P.W.D. Gohar

# BILL OF QUANTITY

Name of work :- Construction of Neouri to Katwandi road KM 0/000 to 4/00 (SH:- Construction of 900 mm Hume pipe Culvert at Rd 1/870 ) Under OTMNP

Estimated cost Rs. - 2,10,855/-

Earnest Money cost Rs. 4300/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	43.37	Per Cubic meter /			
2	Providing and laying cement concrete 1:6:12 (one cement : six sand twelve graded crashed stone aggregate 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals .as directed by Engineer-incharge.	1.93	Per Cubic meter			
3	Providing and Laying concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 within all leads , lifts and carriage of materials and other incidentals as directed by Engineer-incharge.	4.06	Per Cubic meter			
4	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704,1202 and 1204 ( random rubble masonry in cement mortar . 1:6( one cement : six sand ) within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge complete in all respect.	18.15	Per Cubic meter			
5	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 900 mm dia. R.C.C. pipe as per direction of Engineer -in -Charge complete in all respect.	7.50	Per Running 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 carriage of materials with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge completer in all respect.	9.14	Per Cubic meter			



# BILL OF QUANTITY

Name of work :- Construction of Jhungi Matyog road Km. 0/0 to 9/00. (SH:- Construction of R/Wall at RD 0/135 to 0/162) Under OTMNP

Estimated cost Rs. - 4,97,835/-

Earnest Money cost Rs. 10,000/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	57.24	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	92.53	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	19.84	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	25.00	Each			
Total:-						
Quoted rate in figure						
Quoted rate in words						

# BILL OF QUANTITY

Name of work :- Construction of Jhungi Matyog road Km. 0/0 to 9/00. (SH:- Construction of R/Wall at RD 0/525 to 0/551) Under OTMNP

Estimated cost Rs. - 4,77,208/-

Earnest Money cost Rs. 9600/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	44.07	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	89.11	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	20.15	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	24.00	Each			
	Total:-					
	Quoted rate in figure					
	Quoted rate in words					



# BILL OF QUANTITY

Name of work :- Construction of Link road from Bahi to Babag road KM 0/000 to 1/00 (SH:- Construction of 900 mm Hume pipe Culvert at Rd 0/070, edge wall at Rd 0/020 to 0/022, CC and solling km 0/00 to 0/106 ) Under OTMNP


Estimated cost Rs. - 4,98,138/-

Earnest Money cost Rs. 97,00/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	28.41	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	3.37	Per Cubic meter			
3	Providing and Laying concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 within all leads , lifts and carriage of materials and other incidentals as directed by Engineer-incharge.	3.72	Per Cubic meter			
4	Stone masonry in cement mortar for foundation complete as per drawing and technical specification clause 702, 704,1202 and 1204 ( random rubble masonry in cement mortar . 1:6( one cement : six sand ) within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge complete in all respect.	9.48	Per Cubic meter			
5	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete 900 mm dia. R.C.C. pipe as per direction of Engineer -in -Charge complete in all respect.	5.00	Per Running meter			
6	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, stone screening/binding materials to fill-up the interstices of coarse aggregate, watering and compacting to the required density <b>Grading 1</b> as per Technical Specification Clause 405. (By manual . means ) including all leads , lifts of material and other incidentals as per direction of Engineer -in -Charge complete in all respect.	47.70	Per Cubic meter			

	Providing and laying concrete for plain reinforced concrete in open foundation complete as per drawing and technical specification clauses 802,803,1202 and 1203 PCC 1:2:4 (1 Cement : 2 coarse sand : 4 graded) stone aggregate 20 mm nominal size) with in all leads lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge complete in all respect.	39.75	Per Cubic Metre			
8	Maintenance of earthen shoulder (stripping of excess soil) Stripping excess soil from the shoulder surface to achieve the approved level and compacting with plate compactor at OMC as per drawings and Technical Specification Clause 1903 within all leads , lifts and carriage of materials and other incidentals .	525.00	per square metre			
9	Maintenance of earthen shoulder (Filling with fesh selected soil) Making up loss of material/irregularities on shoulders to the design level by adding fresh approved selected soil and compacting it with appropriate equipment at OMC upto a lead of 1000 m as per technical specification Clause 1903 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer in charge with in all leads lifts and carriage of materials and other incidentals.	420.00	per square metre			
	<b>Total:-</b>					
	<b>Quoted rate in figure</b>					
	<b>Quoted rate in words</b>					

  
 Executive Engineer  
 Gohar Division (B&R)  
 HP.PWD Gohar.



Work :- Improvement of black spot on Moviseri Chhaprahan road km 0/00 to 14/00 ( SH:- ROFD at RD 25 to 13/225 and 13/625 to 13/770)

# BILL OF QUANTITY

Estimated cost Rs. - 4,89,735/-

Earnest Money cost Rs. 2000/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimate d Rate (In. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Excavation in soil in hill area in all heights and depths in all kinds of soil including saturated soil comprising of pick, jumper blasting work both in soft and hard rock with chiseling / wedging out side of rock ( where blasting is prohibited ) and their intermediate classification of soil including dewatering where required setting out to the required line grades , side slopes trimming bottom and level as shown on drawings as directed by the Engineer-in charge at site according to technical clause 1603.1 and 1603.2 sorting useful / un-useful materials and stacking the same in all leads and lifts and transportation of the un-useful materials for filling in roads ways , embankments for grades improvements and leveling to the require grade and then disposing of surplus excavated earth in acquired width of road or on approved dumping sites through all modes of transportation including head load animal load or mechanical means along with its leveling fine dressing and all labour, machineries , materials , tools equipment's and safety measures and incidentals necessary to complete the work by all means ( if any required ) recovery for <b>194.42 cubic metre @ Rs. 300.00</b> per cubic metre amount <b>Rs.58,326/-</b> shall be done on prorata basis for the quantity of cutting in earth work effected . Any loss to the public and private property during the course of execution shall be the absolute responsibility of the contractor , which shall have to be duly compensated by him in all respect including all leads and lifts and materials and as per direction of Engineer in charge .	2332.96	Per Cubic meter			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					

Executive Engineer  
Gohar Division (B&R)  
HP.PWD Gohar.

# **BILL OF QUANTITY**

**Name of work :- A/R & M/O HPPWD Rest House Gohar at Bassa Tehsil Chachiot Distt. Mandi (HP). (SH:- P/L Painting and Distemping etc.)**

**Estimated cost Rs. 352350.00**

**Earnest Money cost Rs. -7100.00**


**Time - Two Month**

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge.	208.92	Per Square metre			
2	Providing and applying white cement based putty of average thickness 1 mm (one millimetre) , of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge.	208.92	Per Square metre			
3	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound ) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge.	208.92	Per Square metre			
4	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shadeNew work (two or more coats) over and including water thinnable priming coat with cement primer including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge.	1044.61	Per Square metre			
5	Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/10 sqm of approved brand and manufacture including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge.	263.88	Per Square metre			
6	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @ 0.90 ltr/ 10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand and manufacture including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge.	26.87	Per Square metre			
7	French spirit polishing : Two or more coats on new works including a coat of wood filler including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge.	139.90	Per Square metre			



8	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern / 12 litre low level PVC flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	1.00	Nos.			
9	Providing and fixing controlled flush, low level cistern made of vitreous china with all fittings complete. 10 litre (ten litre) (full flush) capacity-coloured including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	1.00	Nos.			
10	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	221.40	KG			
11	Providing and fixing 0.60mm ( Zero point sixty millimeter) thick pre-painted steel sheet of TATA/ /DUROSHINE in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyster (RNP) organic coating of 20 ( Twenty ) micron over 5 (Five) microns primer coating to back coat of polyster of 5 ( Five ) microns over 5 ( Five ) microns primer coating including fixing with pre-painted iron J or L hooks, bolts and nuts, 6mm diameter with prepainted limpet and rubber washers complete with all accessories as required including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	14.40	Sqm			
12	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	1000.00	LTR			
13	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap (ten millimetre) for thermal expansion, (i) Single socketed pipes.110 mm (one hundred ten millimetre) diameter including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	24.00	Rmt			
14	Providing and fixing on wall face unplasticised PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion Bend 87.5° 110 mm (one hundred ten millimetre) including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	3.00	each			

15	Providing and fixing on wall face unplasticised- PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm (ten millimetre) gap for thermal expansion Coupler 110 mm (one hundred ten millimetre) including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	2.00	each			
16	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc 32 mm (thirty two millimetre) dia nominal bore including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	3.00	Rmt			
17	Providing and fixing G.I. Union in G.I. pipe includin cutting and threading the pipe and making long screws etc. complete (New work) : 32 mm (thirty two millimetre) nominal bore including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	2.00	each			
18	Providing and fixing plastic curtain rods 25 mm (twenty five millimetre) dia including carriage of materials, with in all leads lifts as per direction of Engineer - in - charge .	44.20	Rmt			
	<b>Quoted rate in figure</b>					
	<b>Quoted rate in words</b>					

  
 Executive Engineer  
 Gohar Division (B&R)  
 HP.PWD Gohar.



**BILL OF QUANTITY**


Name of work :- RRD on Dhaban Tamroh Chauntra road Km 0/00 to 5/500(SH:- Balance work of wire R/Wall at RD 4/720 to 4/740) Job No-1

Estimated cost Rs. - 4,43,275/-

Earnest Money cost Rs. 8900/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimate d Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Providing and laying of boulder apron laid in wire crates with 4mm ( four millimeter dia ) G.I wire conforming to IS 280 and IS 4826 in 100 mm x 100 mm mesh (woven diagonally ) including 10% of laps laid with boulders apron weighing not less than 25 kg ( twenty five kilo gram ) each as per drawing including all leads ,lifts of material and technical specification clause 1301. within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge complete in all respect.	144.00	Per Cubic meter			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					

  
**Executive Engineer**  
Gohar Division  
H.P.P.W.D. Gohar

# BILL OF QUANTITY

Name of work :- RRD on Dhaban Tamroh Chauntra road Km 0/00 to 5/500(SH:- Balance work of wire R/Wall at RD 4/720 to 4/740) Job No-II

Estimated cost Rs. - 3,54,620/-

Earnest Money cost Rs. 7100/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimate d Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Providing and laying of boulder apron laid in wire crates with 4mm ( four millimeter dia ) G.I wire conforming to IS 280 and IS 4826 in 100 mm x 100 mm mesh (woven diagonally ) including 10% of laps laid with boulders apron weighing not less than 25 kg ( twenty five kilo gram ) each as per drawing including all leads ,lifts of material and technical specification clause 1301. within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge complete in all respect.	115.20	Per Cubic meter			
	Total:-					
	Quoted rate in figure					
	Quoted rate in words					

Executive Engineer  
Gohar Division  
H.P.P.W.D. Gohar



# **BILL OF QUANTITY**

Name of work :- RRD on Dhaban Tamroh Chauntra road Km 0/00 to 5/500(SH:- Balance work of wire R/Wall at RD 4/720 to 4/740) Job No-III

Estimated cost Rs. - 4,70,760/-

Earnest Money cost Rs. 9500/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimate d Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Providing and laying of boulder apron laid in wire crates with 4mm ( four millimeter dia ) G.I wire conforming to IS 280 and IS 4826 in 100 mm x 100 mm mesh (woven diagonally ) including 10% of laps laid with boulders apron weighing not less than 25 kg ( twenty five kilo gram ) each as per drawing including all leads ,lifts of material and technical specification clause 1301. within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge complete in all respect.	136.80	Per Cubic meter			
2	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	38.00	Per Cubic meter			
	<b>Total:-</b>					
	<b>Quoted rate in figure</b>					
	<b>Quoted rate in words</b>					

  
**Executive Engineer**  
**Gohar Division**  
**H.P.P.W.D. Gohar**

# BILL OF QUANTITY

Name of work :- Construction of Bharari Palahota Serad road Km. 0/0 to 3/900. (SH:- Construction of PCC R/Wall at RD 0/954 to 0/960) OTMHP.

Estimated cost Rs. - 2,75,849/-

Earnest Money cost Rs.5600/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	17.16	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	52.80	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	5.88	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	24.00	Each			
	Total:-					
	Quoted rate in figure					
	Quoted rate in words					

Executive Engineer  
Gohar Division  
H.P.P.W.D. Gohar



# **BILL OF QUANTITY**


**Name of work :- Construction of Bharari Palahota Serad road Km. 0/0 to 3/900. (SH:- Construction of PCC Wing wall Exiting of Hume pipe culvert at RD 0/947 to 0/950) L.H.S Under OTMNP**

**Estimated cost Rs. - 1,59,150/-**

**Earnest Money cost Rs.3200/-**

**Time - Two Month**

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	10.29	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	30.60	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	3.66	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	11.00	Each			
	<b>Total:-</b>					
	<b>Quoted rate in figure</b>					
	<b>Quoted rate in words</b>					

  
**Executive Engineer**  
 Gohar Division  
 H.P.P.W.D. Gohar

# **BILL OF QUANTITY**

Name of work :- Restoration on Dhanotu Rohangaloo road km 0/0 to 32/400 (SH:- Construction of PCC R/Wall for protection of road at RD 20/665 to 20//75)						Estimated cost Rs. - 1,60,560/-
						Earnest Money cost Rs. 3300/-
						Time - Two Month
SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	11.60	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	30.00	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	5.40	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	15.00	Each			
	<b>Total:-</b>					
	Quoted rate in figure					
	Quoted rate in words					



# BILL OF QUANTITY

Name of work :- Restoration on Dhanotu Rohangaloo road km 0/0 to 32/400 (SH:- Construction of PCC R/Wall for protection of road at RD 16/070 to 16/081) Under Telecom Deposit

Estimated cost Rs. - 4,81,112/-

Earnest Money cost Rs. 9700/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	44.00	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	92.40	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	10.78	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	25.00	Each			
Total:-						
Quoted rate in figure						
Quoted rate in words						

## BILL OF QUANTITY

**Name of work :- RRD on Chambi Kangar road km 0/0 to 5/500 (SH:- Construction of PCC R/Wall at RD 5/420 to 5/427)**

**Estimated cost Rs. - 3,90,020/-**

**Earnest Money cost Rs. 6800/-**

**Time - Two Month**

SR. No.	Description of work	No.or Qty.	Unit	Estimated Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	34.23	Per Cubic meter			
2	Providing and laying cement concrete 1:5:10 (one cement : five sand ten graded crashed stone aggregate) 40mm (forty millimeter) size for plain / reinforced concrete in open foundation complete as per drawings and technical specification clause 802,803,1202 & 1203 within all leads , lifts and carriage of materials and other incidentals . as per direction of Engineer -in -Charge completer in all respect.	64.75	Per Cubic meter			
3	Back filling behind abutment, wing wall and return wall complete as per drawing and technical specification clause 1204.3.8 granular material within all leads , lifts and carriage of materials and other incidentals .as per direction of Engineer -in -Charge completer in all respect.	6.79	Per Cubic meter			
4	Providing weep hole in brick masonry / stone masonry /plain reinforced concrete abutment wing wall return wall with 100 mm ( one hundred millimetre ) dia PVC pipe extended through the full width of the structures with slope of 1 (v) :20 (H) towards drawing face complete as per drawing and technical specification clause 614,709& 1204.3.7 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	22.00	Each			
	<b>Total:-</b>					
	<b>Quoted rate in figure</b>					
	<b>Quoted rate in words</b>					



## BILL OF QUANTITY

Name of work :- RRD on Mahadev Dinak via Behli road km 0/00 to 5/500(SH:- C/o PCC U-Shape drain at RD 1/020 With Steel work and Under Ground Rcc NP2 600 mm dia Pipe)

Estimated cost Rs. - 4,84,643/-

Earnest Money cost Rs. 10,000/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimate d Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Earth work in excavation for structure as per drawing and technical specification clause 305.1 i/c setting out construction of shoring and bracing removal of stumps and other deleterious material and disposal up to any lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil including carriage of material with in all leads and lifts and other incidentals and as per the direction of the Engineer-in Charge.	68.13	Per Cubic meter			
2	Providing concrete for plain/reinforced concrete in open foundations 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 40 mm nominal size) mechanically mixed and vibrated and curing complete including cost of formwork complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 including carriage of material within all leads, lifts and other incidental charges.	18.55	Per Cubic meter			
3	Providing and Laying concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 within all leads , lifts and carriage of materials and other incidentals as directed by Engineer-incharge.	6.08	Per Cubic meter			
4	Laying Cement Concrete half cut Pipe NP2 (buried conduits) on first class bedding of granular material jointed with cement sand mortar 1:2 (one cement : two sand )but excluding excavation, protection works, backfilling, concrete and masonry work in head wall and parapets semicircular pipe 600 mm ( Six hundred millimetre ) dia .within all leads , lifts and carriage of materials and other incidentals .	45.00	Per Running meter			
5	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required in gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including making necessary connections with rain water pipes complete including carriage of material in all leads and lifts and other incidentals complete and as per the entire satisfaction and direction of Engineer-in-Charge.	1600.56	Per Kilogramme			
<b>Total:-</b>						
Quoted rate in figure						
Quoted rate in words						

# BILL OF QUANTITY

ame of work :- RRD on Syanh Dhaban Bhayarta road Km 0/00 to 6/200(SH:- Construction of RCC railing both side of bridge at RD 0/135)

Estimated cost Rs. - 1,28,438/-

Earnest Money cost Rs. 2600/-

Time - Two Month

SR. No.	Description of work	No.or Qty.	Unit	Estimate d Rate (in. Rs.)	Total amount with all taxes including GST in Rs. P	Total amount with all taxes including GST in words
1	Construction of RCC railing of M30 Grade insitu with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post notto exceed 1 in 500,centre to centre spacingbetween vertical postnot to exceed 2000 mm,leaving adequate space between vertical post forexpansion, complete asper approved drawingsandConstruction of RCC railing of M30 Grade insitu with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacingbetween vertical post not to exceed 2000 mm,leaving adequate space between vertical post for expansion, complete asper approved drawings and technical specifications. with in all leads .lifts and carriage of materials and other incidentals .	45.00	Per Cubic meter			
2	Providing and Laying concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundations complete as per drawing and technical specification clauses 802, 803, 1202 and 1203 within all leads , lifts and carriage of materials and other incidentals as directed by Engineer-incharge.	2.31	Per Cubic meter			
3	Paint two coats including primer coat after filling the surface with synthetic enamel paint in all shedes on new, plasterd/ concrete surfaces as per drawing and technical specification clause 1701 with in all leads, lifts and other incidentals as per direction of Engineer -in -Charge complete in all respect.	45.00	Each			
Total:-						
Quoted rate in figure						
Quoted rate in words						

Executive Engineer  
Gobar Division  
H.P.P.W.D. Gobar