

Himachal Pradesh  
Public Works Department

No. PW-SKT-CB -Tender/2023-24

9655

Dated:- 04-9-2023

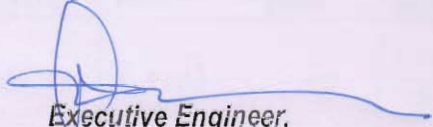
To,

The Executive Engineer I.T. Cell,  
Nigam Bihar Shimla -2

Subject:- Publishing of Notice inviting tenders.

Enclosed please find herewith copies of notice inviting tender for the up loading on department website before 13.09.2023 as per notification issued by Pr. Secy. (PW) to the Govt. of HP vide letter No. PBW (B) A (3)1/2020 dated 16th July 2021. As the works mentioned in the Tender Notice are urgent nature.

DA:-As above

  
Executive Engineer,  
Sarkaghat Division  
HP.PWD.Sarkaghat

**Himachal Pradesh  
Public Works Department  
"Notice Inviting Tender"**

Sealed item rate tender are hereby invited in form No. 6&7 by the Executive Engineer B&F Division, HP.PWD. Sarkaghat HP. on behalf of the Governor of Himachal Pradesh for the following works from the instruction and are also registered contractor of appropriate class enlisted in HP.PWD whose registration stood renewed as per revised instruction and are also registered dealers under the Himachal Pradesh General sales Tax Act.1968. The important dates of tender are as under:-

The last date and time of receipt of application for tender form 12.09.2023 up to 4.00 P.M.

The last date for sale of tender is up to 13.09.2023 at 4.00PM.

The tender shall be received up to 11:00 AM on 14.09.2023 to be opened on the same day at 11:30 AM. in presence of the intending contractors or their authorized representative who may like to be present. The tender form can be had from this office against cash payment as shown below (Non refundable) during the working hours on 14.09.2023. The earnest money in the shape of National saving certificate, time deposit account in any post office/bank in HP. Duly pledged in favor of the Executive Engineer B&R Division HP.PWD Sarkaghat must accompany with each tender Conditional & in complete tenders and the tender received without earnest money will be summarily rejected. The offer of tender shall be kept open for 90 days. The Executive Engineer, reserved the right to accept or reject, the tender without assigning any reason.

Sr. No.	Name of work	Estimated cost.	Earnest Money.	Cost of form.	Time allowed.
1.	Restoration of Rain Damages on Debarwal jamanwal Ban Magoh Jaboth Road Km. 0/0 to 8/300 (SH:- Construction of R/wall in wire Crate at RD 0/869 to 0/0 to 8/300 (SH:- Construction R/wall in wire create at RD 0/869 to 0/875.50)	405796	8120	350	One Month
2.	Restoration of rain Damags on Barot to Badoi Road Km. 0/0 to 3/500 (SH:- Construction of B/wall in wire Crate at RD 1/300 to 1/325)	481950	9700	350	One Month
3.	Restoration of rain Damags on Barot to Badoi Road Km. 0/0 to 3/500 (SH:- Construction of B/wall in wire Crate at RD 1/300 to 1/325)	481950	9700	350	One Month
4.	Restoration of Rain Damages on various Roads under Sarkagaht Sub-Division Sarkaghat (SH:- Hiring of Excavator cum Loader for Removal of slips debries on Various Roads Under Pounta Section) Job No-II	195000	4000	350	One Month
5.	Construction of Tikkari Mandoli Khudla via Gehra Bhaderol Road Km. 0/0 to 2/500 (SH:- Construction of Cement Concrete Pavement at KM. 0/0 to 0/160) SCSP	497760	10000	350	One Month
6.	Restoration of Rain Damages on Plassi Ukhala Baras Smaila Road Km. 0/0 to 4/0 (SH:- Construction of PCC R/wall in 1:5:10 at RD 3/940 to 3/952)	419904	8500	350	One Month
7.	Restoration of Rain Damages on Nabahi Bastala Ghayana Matehari Via Bathalari Gopalpur Road Km. 0/0 to 4/420 (SH:- Providing and Laying Cement Concreta Pavement at Km. 2/315 and 2/610 to 2/685)	498329	329	350	One Month
8.	Restoration of Rain Damages on Dabrog Yoh Bakarta Road Km. 0/0 to 11/0 (SH:- Construction of PCC R/wall in Km. 4/520 to 4/535)	498292	10000	350	One Month
9.	Restoration of Rain Damages on Dabrog Yoh Bakarta Road Km. 0/0 to 11/0 (SH:- Providing and Laying Cement Concrete Pavement in Km. 3/860 to 3/400 and 3/900 to 4/0)	345464	7000	350	One Month
10.	Restoration of Rain Damages on various Roads under Sarkagaht Sub-Division Sarkaghat (SH:- Hiring of Excavator cum Loader for Removal of slips derssing of berma etc.) Job No-I	229500	4600	350	One Month
11.	Construction of Bahi Sulpur Jahu Road Km. 0/0 to 2/700 (SH:- Providing and Laying Metalling and Tarring in Km. 2/325 to 2/554.60) SCSP on Jabothi Bridge	401218	8100	350	One Month

2.	Construction of Bahi Sulpur Jahu Road Km. 0/0 to 2/700 (SH:- Providing and Laying WBM G-II at RD 2/325 to 2/554.60) SCSP on Jabothi Bridge	382634	7700	350	One Month
13.	Restoratio of Rain Damages on Nabahi Bastala Matehari Gopalpur Road Km. 0/0 to 4/200 (SH:- Costruction of R/wall in PCC 1:4:8 at RD 1/945 to 1/955 and P/L Cement Concrete Pavement at KM.2/275 to 2/345)	467104	9350	350	One Month
14.	Restoration of Rain Damages on Baldwara Math Kahlyana Road Km. 0/0 to 6/0 (SH:- Construction of Retaining wall in 1:5:10 at RD 1/270 to 1/280)	219186	4400	350	One Month

**TERMS AND CONDITONS:-**

Following documents should accompany with the application for tenders.

1. The contractor/firms should be registered as or/dealer under HP Sales Tax Act. 1968/GST
2. The intending contractors/firms shall have to produce the copy of latest enlistment in HPPWD.
3. The contractor is required to submit an affidavit for not having more than two works in hand in the shape of affidavit duly attested by the competent authority.
4. The contractor should quoted the rate of all the items in the tender both in figures and in words failing which tender is likely to be rejected.
5. The copy of Employees Provident Funds (EPF Number) GST, Pan Number, should be attached with application.
6. Minimum one similar work done of amount not less than 40% (Forty percent) of the estimated cost (without liquidated Damage or compensation) in last five years)
7. The tender shall be awarded to the lowest bidder without any negotiation if his tendered amount is within limit of (+) 5% to (-) 30% of the amount put to tender, otherwise the tender will be cancelled and recalled.
8. The earnest money shall be deposited duly pledged in favour of Executive Engineer B& R Division HPPWD Sarkaghat & Cost of tender form for the above works should be submitted with the application for the purchase of the tender forms.
9. All the required documents should be submitted with the application others wise single application may be rejected.

Executive Engineer,  
Sarkaghat Division  
HP.PWD,Sarkaghat  
Dated: 04-9-2023

No. PW-SKT-CB-Tender/2023-24

9656-61

1. The Engineer - in- Chief HPPWD Nirman Bhawan Shimla for information please.
2. The Chief Engineer Hamirpur Zone HP.PWD . Hamirpur for information please.
3. The Superintending Engineer Dharampur Circle, HP.PWD. Dharampur for information please.
4. Block Development officer Sarkaghat for information please.
5. Copy to the Assistant Engineer B&R Sub- Division HP.PWD Sarkaghat/ Baldwara /Bhaderwar for information.
6. Copy to Notice Board /Drawing Branch of this office for information.

Executive Engineer,  
Sarkaghat Division  
HP.PWD,Sarkaghat.

**SCHEDULE OF QUANTITY**

Name of works:- R/R Damages on Deberwal Jamanwal Ban Magoh Joboth Road km 0/0 to 8/300 (SH:-C/O R/Wall in wire create at RD 0/869 to 0/875.50 )

Estimated cost :- Rs. 4,05,796.00

Earnest Money:- Rs.8120.00

Time Limit:- One month

Description of Item/Sub Head	Quantity	Rates		Unit	Amount
		In Figure	In words		
2 Earth work in excavation by mechanical means (Hydraulic excavatory) manual means in foundation trenches or drains (not exceeding 1.5 m, (one point five metre) in width or 10 sqm (ten square) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5 m , ( one point five metre) including getting out the excavated soil and disposal of surplus excavated soil as directed, with in a lead of 50 m ( fifty meter) all kinds of soil.	22.43			Per cubic metre	
3 Wire crates made of galvanised iron wire filled with boulder with square cut faces against the wire, galvanised iron wire 4mm (four millimetre) thick corresponding to SWG-8, 10cmx10cm (ten centimetre into ten centimetre) mesh ;within all leads and lift and carriage of material and other incidental complete in all respect as per direction of Engineer-in-charge. Stone boulders used shall weight not less than 25kg. (twenty five kilogramme) each.	114.66			Per cubic metre	
<b>Total:-</b>					



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**SCHEDULE OF QUANTITY**

**Name of works:- Restoration Rain Damages on Barot to Badoi road km 0/0 to 3/500 (SH:-C/O B/Wall in wire create at RD 1/300 to 1/325 )**

<b>Estimated cost :-</b>	<b>Rs. 481950.00</b>
<b>Earnest Money:-</b>	<b>Rs.9700.00</b>
<b>Time Limit:-</b>	<b>One month</b>

Description of item/Sub Head	Quantity	Rates		Unit	Amount
		In Figure	In words		
2 Earth work in excavation by mechanical means (Hydraulic excavatory) manual means in foundation trenches or drains (not exceeding 1.5 m, (one point five metre) in width or 10 sqm (ten square )on plan, including dressing of sides ans ramming of bottoms, lift upto 1.5 m , ( one point five metre) including getting out the excavated soil and disposal of surplus excavated soil as directed, with in a lead of 50 m ( fifty meter) all kinds of soil.	47.25			Per cubic metre	
3 Wire crates made of galvanised iron wire filled with boulder with square cut faces against the wire, galvanised iron wire 4mm (four millimetre) thick corresponding to SWG-8, 10cmx10cm (ten centimetre into ten centimetre) mesh within all leads and lift and carriage of material and other incidental complete in all respect as per direction of Engineer-in-charge. Stone boulders used shall weight not less than 25kg. (twenty five kilogramme) each.	135.00			Per cubic metre	
<b>Total:-</b>					

  
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**B & R Division HPPWD**  
**Sarkaghat**

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**B&R Division,**  
**HP PWD, Sarkaghat.**

**SCHEDULE OF QUANTITY**


Name of works:- Restoration Rain Damages on Barot to Baddoi road km 0/0 to 3/500 (SH:-C/O B/Wall in wire create at RD 1/325 to 1/350 )

Estimated cost :- Rs. 481950.00

Earnest Money:- Rs.9700.00

Time Limit:- One month

Description of item/Sub Head	Quantity	Rates		Unit	Amount
		In Figure	In words		
2 Earth work in excavation by mechanical means (Hydraulic excavatory) manual means in foundation trenches or drains (not exceeding 1.5 m, (one point five metre) in width or 10 sqm (ten square ) on plan, including dressing of sides and ramming of bottoms, lift upto 1.5 m , ( one point five metre) including getting out the excavated soil and disposal of surplus excavated soil as directed, with in a lead of 50 m ( fifty meter) all kinds of soil.	47.25			Per cubic metre	
3 Wire crates made of galvanised iron wire filled with boulder with square cut faces against the wire, galvanised iron wire 4mm (four millimetre) thick corresponding to SWG-8, 10cmx10cm (ten centimetre into ten centimetre) mesh within all leads and lift and carriage of material and other incidental complete in all respect as per direction of Engineer-in-charge. Stone boulders used shall weight not less than 25kg. (twenty five kilogramme) each.	135.00			Per cubic metre	
<b>Total:-</b>					

  
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**SCHEDULE OF QUANTITY**

Name of Work:-Restrotaation Rain Damages on Various Road under Sarkaghat Sub-Division Sarkaghat. (SH:-Hiring of Excavator cum loader for removal of slips,debris on various roads Under Pounta Section) JOB No-11


Estimated cost :- Rs. 195000/-

Earnest Money:- Rs. 4000 /-

Time Limit:- one Month

Sr.N	Description of item/Sub Head	Quantity	Rates		Unit	Amount
			In Figure	In words		
1	Hiring of Excavator cum loader for cutting work filling and deposal etcetra with a minimum capacity of 30 (thirty) cubic metre per hour.Including pay of operators, P.O.L charges repair of machinery, pay of driver and other expenses. Any accident and other damages to private and Govt. property and loss of life occurred during the working hour will be the whole responsibility of the owner of the machinery. The disposal materials will be done by the owner of machinery to the disposal point within all leads and lifts and other incidentals as per direction of Engineer-in-Charge .	150.00			P/Hour	
	<b>Total:-</b>					

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SCHEDULE OF QUANTITY


Name of Work:- Construction of Tikhari Mandoli Khudla via Gehra Bhadroi Road km 0/0 to 2/500 ) (SH:-  
Construction of Cement Concrete pavement at km 0/0 to 0/160 ) (Under SCSP )

Estimated cost : Rs 4,97,760 /-  
Earnest Money:- Rs. 10,000 /-  
Time Limit

One month

Sr.No	Description of item/Sub Head	Quantity	Rate		Unit	Amount
			In Figure	In words		
1	Providing and laying Cement concrete 1:2:4 (one Cement :two coarse sand: four graded crushed stone aggregate) 20 mm (twenty millimetre) nominal size, in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete, as per drawing and HP, PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	73.20			Per cubic metre	
					Total:-	

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**DRAFT BILL OF MATERIALS**

Name of Work: Restoration of Damages on Phase I Uthrala Estate Snake Road (an work to 4000 sqm) Construction of P.C.C. (18% Construction of P.C.C. (18%))  
 S.No. in 1.5.10 at RD 3/940 to 3/953

S/No	Description of item/Sch Head	Quantity	Estimated cost:		Unit	Assumed
			Per m <sup>2</sup> /m <sup>3</sup>	Total		
1	Earth work in excavation to all kinds of soil for structure as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of sludge and other deleterious material and disposal upto say lead dressing of sides and bottom and back filling in trenches with excavated suitable material ordinary soil with in all leads, lifts and other particulars.	93.72			Per cubic metre	
2	Retaining and shoring including strutting, propping etc. and removal of form work by Retaining walls, sheet piling, walls (any thickness) including attached pilehead, buttresses, path and silling courses filters, water and stops etc with in all lead and lift and as per the direction of Engineer in charge.	66.24			Per square metre	
3	Providing and laying in position concrete or concrete of perforated brick masonry including the work in cutting and sawing. All work up to plinth level 1.5.10 (1 cement : 5 sand : 12 graded stone aggregate (10 mm) (1:2:12)) with in all lead and lift and as per the direction of Engineer in charge.	77.56			Per cubic metre	
4	Providing weep holes in brick masonry / Stone masonry / Reinforced concrete in retaining walls, lattice walls and the like with 100mm (3/4" dia) holes / 100mm dia PVC pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing level complete as per drawing and technical specifications clauses 612, 703, 1204, 1204.3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer in charge.	33.00			Each	
5	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1701.3.5 in all leads and lifts and carriage of material by all modes of transportation and as per direction of Engineer in Charge.	23.88			Per cubic metre	


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**Sarkaghat**

**Schedule of Quantity**

Name of Work:- Restoration Rain Damages on Nabahi Bastla Ghyana Mateheri via Bathalari  
Gopalpur Road km 0/0 to 4/420 (SH:- P/L Cement Concrete Pavement at km 2/315 to 2/390 and  
2/610 to 2/685 ).

Estimated cost :- Rs. 4,98,329.00  
Earnest Money:- Rs. 10000.00  
Time Limit:- One month

Description of item/Sub Head	Quantity	Rates		Unit	Amount
		In Figure	In words		
1 Centering and shuttering including strutting, propping etcetra and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses filelets, kerbs and steps etcetra. Including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	52.50			Per square metre	
2 Providing and laying cement concrete plain/ reinforced concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm ( forty millimetre) nominal size) in open foundation complete as per drawing and technical specification cluse 802,803,1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP,PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	36.03			Per cubic metre	
3 Providing and laying Cement concrete 1:2:4 (one Cement :two coarse sand: four graded crushed stone aggregate) 20-mm (twenty millimetre) nominal size, in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete.as per drawing and HP,PWDD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	48.04			Per cubic metre	
				<b>Total:-</b>	

  
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**HP PWD, Sarkaghat.**

### Schedule of Quantity

Name of work: - Resoration of rain damages on Dabrogh yoh Bakarta road km 0/0 to 1/10 (SH. - Construction of PCC R/wall at RD 4/520 to 4/535)

Estimated Cost:- Rs.4,98,292/-  
 Earned money:- Rs. 10,000/-  
 Time allowed:- One month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In figure	In words		
1	Earth work in excavation by mechanical means(Hydraulic excavator) / manual means in foundation trenches or drains including dressing of sides and ramming of bottoms, lift upto 1.5 ( One point five )m, including getting out the excavated soil and disposal of surplus excavated soil as directed, .All kinds of soil including all leads and lifts and as per the direction of Engineer- in-Charge.	37.83			Per cubic metre	
2	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:4:8 (One Cement : four coarse sand) : eight graded stone aggregate 40 mm ( Forty millimetre)nominal size :including all leads and lifts and as per the direction of Engineer- in-Charge.	89.93			Per cubic metre	
3	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm ( One hundred ) dia PVC pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614,709,1204.3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Charge.	23.00			Each	
4	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	20.40			Per cubic metre	
					Total	

Executive Engineer  
 B & R Division HPPWD  
 Sarkaghat

### Schedule of Quantity

Name of work:- Resoration of rain damages on Dabrog yoh Bakarta road km 0/0 to 11/0 (SH: - Providing and laying cement concrete pavement in km 3/860 to 3/400 and 3/900 to 4/0)

Estimated Cost:- Rs. 3,45,464/-  
 Earnest money:- Rs. 7,000/-  
 Time allowed:- One month.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In figure	In words		
1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:1.5:3 ( One cement : one point five coarse sand: three graded stone aggregate 20 mm ( Twenty millimetre) nominal size including carriage of materials with in all leads and lifts and direction of Engineer in Charge.	64.05				

**SCHEDULE OF QUANTITY**

Name of work :- R/R damages on various roads under Sarkaghat sub-Division HPPWD Sarkaghat  
 (SH- Hiring of Excavator cum Loader for removal of slips, dressing of berms etc.) **Job No 1**

Estimated Cost Rs. 229500  
 Earnest Money Rs. 4600.00/-

Time :-

Sr. No.	Description of items.	Qty.	Rates in:		Unit.	Amount.
			Figure.	Words.		
1	Hiring of Excavator cum Loader for cutting work disposal not less than 30 cubic metre per hour including pay of operator, P.O.L. charges maintenance or any minor accidents. and other demags to private and Govt .property is the whole responsibility of the contractor. The work shall be executed as per the PWD specification and the direction of Engineer-in-Charges.	170.00			Per Hour	
<b>Total</b>						


Executive Engineer  
 B & R Division HPPWD  
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**Schedule of Quantity**

Name of work:- Construction of Bahi Sulpur Jahu road km 0/0 to 2/700 (SH:- Providing and laying metalling and Tarring in km 2/325 to 2/554.60) *SCS P on Jabotki Bahi*

Estimated Cost  
Earnest money  
Time allowed

Sr. No.	Description of Item	Quantity	Rate		Unit
			In figure	In words	
1	Providing and applying priming coat with bitumen emulsion(SS-1) using emulsion distributor at the rate of 0.70 Kg. to 1.0 Kg.(Zero point seven zero to one point zero Kilogramme)per square metres on the prepared granular surface cleaned with hydraulic broom as per Technical specification Clause 503 by mechanical means including hauling / carriage of material through all modes of transportation with in all leads and lifts as per direction of Engineer-in-charge.	926.60			Per square metre
2	Providing and applying tack coat with bitumen emulsion(RS-1) using emulsion distributor at the rate of 0.25 Kg. to 0.30 Kg.(Zero point two five to zero point three zero Kilogramme)per square metres on the prepared bituminous surface cleaned with hydraulic broom as per Technical specification Clause 503 by mechanical means including hauling / carriage of material through all modes of transportation with in all leads and lifts as per direction of Engineer-in-charge.	926.60			Per square metre
3	Providing laying and rolling of open graded premix carpet of 20mm (Twenty millimetre)thickness composed of 13.2mm to 5.6mm (Thirteen point two millimetre to five point six millimetres) crushed stone aggregates either using penetration grade bitumen or emulsion to required line,grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 80-100 KN static roller capacity, finished to required level and grades to be followed by seal coat of either Type -B as per technical specification clause 508 by mechanical means with Bitumen(S-90)/VG-10 including hauling/ carriage of material through all modes of transportation within all leads and lifts as per the direction of Engineer-in-charge.	926.60			Per square metre
4	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels grade and cross fall using type 'B' as per technical specification clause 510 by mechanical means (S-90)/VG-10 grade bitumen including hauling/carriage of material through all modes of transportation with in all leads and lifts as per the direction of Engineer-in-charge.	926.60			Per square metre
					<b>Total</b>

  
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Schedule of Quantity

Name of work:- Construction of Bahri Sulpur Jahu road km 0/0 to 2/700 (SH:- Providing and laying WEM G-II at RD 2/325 to 2/554.60) on 'Sohatw' bridge

Estimated Cost:- Rs.3,82  
Earnest money:- Rs.7700  
Time allowed:- One mo

Sr. No.	Description of item	Quantity	Rate		Unit	Am
			In figure	In words		
1	Providing, laying, spreading and compacting stone aggregates of 63mm to 45mm (sixty three millimetre to forty five millimetre) nominal size to water bound macadam specifications including in uniform thickness, hand packing, rolling with smooth wheel roller 80-100kN in stages to proper grade and camber, applying and brooming, stone screening and binding materials to fillup the interstices of coarse aggregate, watering and compacting to the required density grading-II as per technical specifications clause 405 by manual means including entire carriage of material within all leads and lifts and other incidentals.	144.39			Per Cubic metre	
<b>Total</b>						

  
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 B&R Division,  
 HP PWD, Sarkaghat

Schedule of Quantity

Name of Work:- Restoration Rain Damages on Nabahi Bastia Matchri Gopalpur Road km 0/0 to 4/20 (SH:- C/O Riwali PCC  
1:4:8 at RD 1/945 to 1/955 and P/L Cement Concrete Pavement at km 2/775 to 2/345).

Sl. No.	Description of item/Sub Head	Quantity	Rates		Unit	Amount
			In Figure	In words		
1	Earth work in excavation by mechanical means (Hydraulic excavator) manual means over areas exceeding 30 cm ( thirty centimetre ) in depth, 1.5 m (one point five metre) in width as well as 10 sqm(ten square metre) on plan including getting out and disposal of excavated earth lead upto 50 m (fifty metre) and lift upto 1.5 m, ( one point five metre) with in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Charge.	9.00			Per cubic metre	
2	Centering and shuttering including strutting, propping etcetra. And removal of form work for foundations, footings bases for columns as per drawing and HP PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	74.00			Per square metre	
3	Providing and laying cement concrete plain/ reinforced concrete 1:4:8 (one cement : four sand : eight graded crushed stone aggregate 40mm ( forty millimetre) nominal size) in open foundation complete as per drawing and technical specification clause 802.803, 1202 and 1203 including form work for plain/ reinforced concrete work as per drawing and HP PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer- in- Charge.	£7			Per cubic metre	
4	Providing and laying Cement concrete 1:2:4 (one Cement :two coarse sand: four graded crushed stone aggregate) 20 mm (twenty millimetre) nominal size, In pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete as per drawing and HP PWD technical specification including carriage of materials with in all leads and lifts and direction of Engineer-in-Charge.	22.42			Per cubic metre	
5	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls; breast walls and the like with 110mm ( One hundred ten millimetre) dia PVC (Polyvinyl Chloride) pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3.7 within all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer- in-Charge.	15.00			Each	
6	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 with in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	9.00			Per cubic metre	
					<b>Total:-</b>	

  
 Executive Engineer  
 B & R Division HPPWD  
 Sarkaghat

Executive Engineer,  
 B&R Division,  
 HP PWD, Sarkaghat.



## Schedule of Quantity

Name of work:- Resoration of rain damages on Baldwara Math Khalyana road road km 0/0 to 6/0 ( Sh:- Construction of retaining wall in 1:5:10 at RD 1/270 to 1/280)

Sr. No.	Description of Item	Quantity	Rate		Unit	Amount
			In figure	In words		
1	Earth work in excavation by mechanical means(Hydraulic excavator) / manual means in foundation trenches or drains including dressing of sides and ramming of bottoms, lift upto 1.5 ( One point five )m, including getting out the excavated soil and disposal of surplus excavated soil as directed, .All kinds of soil including all leads and lifts and as per the direction of Engineer-in-Charge.	13.60			Per cubic metre	
2	Centering and shuttering including strutting, propping etc. and removal of form work for Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc including all leads and lifts and as per the direction of Engineer-in-Charge.	42.81			Per Square metre	
3	Providing and laying in position cement concrete of specified grade including the cost of centering and shuttering - All work up to plinth level 1:5:10 (One Cement : five coarse sand) : ten graded stone aggregate 40 mm ( Forty millimetre)nominal size :including all leads and lifts and as per the direction of Engineer-in-Charge.	41.48			Per cubic metre	
4	Providing weep holes in brick masonry / Stone masonry / plain/reinforced concrete in retaining walls, breast walls and the like with 100mm ( One hundred ) dia PVC pipe extending through the full width of the structure with slope of 1 vertical : 20 horizontal towards drawing face complete as per drawing and technical specification clauses 614, 709, 1204, 3.7 in all leads and lifts and carriage of material by all modes of transportation as per the direction of Engineer-in-Charge.	18.00			Each	
5	Back filling behind retaining walls, breast walls, abutments, wing walls and return walls complete as per drawing and technical specifications clause 1204.3.8 in all leads and lifts and carriage of materials by all modes of transportation and as per direction of Engineer-in-Charge.	12.30			Per cubic metre	
	<b>Total</b>					

Estimated Cost:- Rs.219186/-  
 Earnest money:- Rs. 4,400/-  
 Time allowed:- One month.



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