

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

No. PW-MDI(Padhar)E-Tender-NIT/2022-23-

5625-27

Dated:- 11 ⁷/₂₂

To

The Executive Engineer (IT Cell),
Nirman Bhawan ,Nigam Vihar, Shimla-2.

Subject: - Publishing of tender notice.

Dear Sir,

Enclosed please find herewith the Tender Notice of work as given in the Notice Inviting Tender for uploading on department website as per notification Pr. Sec (PW) to the Govt. of H.P. letter No. PBW(B) A(3)1/2020 dated Shimla-2 the 16th July, 2021 as the work mentioned in the tender notice are urgent in nature and in public interest.

DA:- Notice Inviting Tender.


Executive Engineer,
Mandi Division No.I,
HP. PWD. at Padhar

Copy forwarded the Superintending Engineer, JNR Circle, HPPWD, Joginder Nagar for information please.

Copy forwarded to the Computer Cell O/O Executive Engineer (IT Cell), Nirman Bhawan, Nigam Vihar, Shimla-2 for information and further necessary action please.


Executive Engineer,
Mandi Division No.I,
HP. PWD. at Padhar

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT**

NOTICE INVITING TENDER

Sealed item rate tender on form No. 6 & 8 are hereby invited by the Executive Engineer, Mandi Division No.I, HP. PWD., **at Padhar** on behalf of the Governor of Himachal Pradesh for the below noted works from eligible Contractors/firms registered in H.P.P.W.D. in appropriate class as per revised enlistment rules, so as to reach in this office on or before **18.07.2022 up to 12:00 Noon** and the same shall be opened on the same day **at 12:30 P.M.** in the presence of the Contractors or their authorized representatives who may be present. The tender form can be held from this office against cash payment (Non Refundable) on **16.07.2022 upto 01:00 P.M.**

The tender shall accompany with Earnest Money which should be in the shape of NSC/Time Deposit/Saving Bank account in the Post Office/bank in H.P. duly pledged in the favour of undersigned.

Conditional tenders, telegraphic and tender without earnest money will not be entertained. The Executive Engineer, Mandi Division No.I, HP. PWD., **at Padhar** reserves the right to accept or reject the tenders. The tender shall remain valid for 90 days from the date of opening of the tenders. If any of the date mentioned above happens to be local/ Gazetted Holiday the same shall be process on next date.

Sr. No.	Name of work.	Estimated Cost (in Rs.)	Earnest Money (in Rs.)	Cost of Tender Form (in Rs.)	Time
1	Improvement of "Black Spot" on Urla Kotropi Chukku Khajri road Km 0/0 to 16/700. (SH:- Construction of 'W' Metal Beam Crash Barriers system at R.D. 10/540 to 10/705)	1,31,292/-	2,600/-	350/-	Three months
2	Improvement of "Black Spot" on Padhar Balh road Km 0/0 to 18/500. (SH:- Construction of 'W' Metal Beam Crash Barriers system at R.D. 8/0 to 8/165)	1,29,755/-	2,600/-	350/-	Three months
3	Improvement of "Black Spot" on Padhar Balh road Km 0/0 to 18/500. (SH:- Construction of 'W' Metal Beam Crash Barriers system at R.D. 13/250 to 13/415)	1,30,614/-	2,600/-	350/-	Three months
4	Improvement of "Black Spot" on Padhar Nauhali road Km 0/0 to 14/500. (SH:- Construction of 'W' Metal Beam Crash Barriers system at R.D. 6/520 to 6/585)	1,29,580/-	2,600/-	350/-	Three months
5	Improvement of "Black Spot" on Padhar Nauhali road Km 0/0 to 14/500. (SH:- Construction of 'W' Metal Beam Crash Barriers system at R.D. 9/450 to 9/615)	1,30,105/-	2,600/-	350/-	Three months
6	Improvement of "Black Spot" on Shegali Prasher road Km 0/0 to 22/510. (SH:- Construction of 'W' Metal Beam Crash Barriers system at R.D. 0/630 to 0/795)	1,30,229/-	2,600/-	350/-	Three months
7	Improvement of "Black Spot" on Shegali Prasher road Km 0/0 to 22/510. (SH:- Construction of 'W' Metal Beam Crash Barriers system at R.D. 5/720 to 5/785)	1,31,053/-	2,600/-	350/-	Three months
8	Restoration of rain damages on Drang to Katindhi road Km 0/0 to 11/600. (SH:- Construction of Breast wall at RD11/325 to 11/340)	3,36,861/-	6,700/-	350/-	Three months
9	Construction of two class rooms with stair hall at Govt. Senior Secondary School Kamand Distt. Mandi (H.P.) (SH:- Providing brick masonry, roofing, distempering and steel work etcetra)	2,52,934/-	5,100/-	350/-	Three months

10	Construction of two class rooms with stair hall at Govt. Senior Secondary School Kamand Distt. Mandi (H.P.) (SH:- Balance work of roofing and ceiling)	1,22,584/-	2,500/-	350/-	Three months
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1. **Certified that tender of above works are being called of emergent nature in exigency of public interest.**

TERMS AND CONDITIONS:-

1. The Contractor/Firm shall have his GST. No. & copy of the same be attached with the application.
2. The intending Contractor/Firm Should have attached copy of registration/renewal.
3. The earnest money & cost of tender form for the above works should be submitted with the application for the purchase of the tender forms. The application received without earnest money & cost of tender form shall summarily be rejected.
4. The intending Contractors are requested to see the site of the work before submitting the tender.
5. The tender form will be issued to those contractors who have not more than two works at the time of issue of tender forms. In this regard, contractor has to submit an affidavit that he is not having more two works.
6. The offer of the tender shall remain valid upto 90 days after the opening of tender.
7. The tender shall be awarded to the lowest bidder 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 Executive Engineer reserves the right to reject/accept any or all the tenders without assessing any reason.


Executive Engineer,
Mandi Division No. I,
HPPWD., at Padhar Distt. Mandi (H.P.)
on behalf of Governor of Himachal Pradesh

Schedule of Quantity

Estimated Cost:- 131292.00
Earnest Money:- 2600.00
Time:- Three Months

ame of work:- Improvement of "Black Spot" on Urla Kotropi Chukku Khajri road Km. 0/0 to 16/700.
ub Head:- Construction of "W" Metal Beam Crash Barriers system at R.D. 10/540 to 10/705.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work 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 materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.32 Cubic metre			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.19 Cubic metre			Per cubic metre	
3	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty into seventy five into five millimetre) spaced 2.00 (two point zero zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fitments to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty into seventy five into five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge. (Note:-"W" Metal Beam Crash Barrier shall be procured by the department)	165.00 metre			Per Running Metre	
				Total:-		

Executive Engineer,
Mandi Division No. I,
P.P. W.D. at Padhar.

Schedule of Quantity

Estimated Cost:- 129755.00
Earnest Money:- 2000.00
Time:- Three Months

ame of work:- Improvement of "Black Spot" on Padhar Balh road Km. 0/0 to 18/500.
ub Head:- Construction of "W" Metal Beam Crash Barriers system at R.D. 8/0 to 8/165.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work 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 materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.32 Cubic metre			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.19 Cubic metre			Per cubic metre	
3	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty into seventy five into five millimetre) spaced 2.00 (two point zero zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty into seventy five into five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge. (Note:-"W" Metal Beam Crash Barrier shall be procured by the department)	165.00 metre			Per Running Metre	
				Total:-		


Executive Engineer,
Mandi Division No.1,
H.P.P.W.D. at Padhar.

Schedule of Quantity

Estimated Cost:- 130614.00
Earnest Money:- 2600.00
Time:- Three Months

Name of work:- Improvement of "Black Spot" on Padhar Balh road Km. 0/0 to 18/500.
Sub Head:- Construction of "W" Metal Beam Crash Barriers system at R.D. 13/250 to 13/415.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work 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 materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.32 Cubic metre			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.19 Cubic metre			Per cubic metre	
3	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty into seventy five into five millimetre) spaced 2.00 (two point zero zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty into seventy five into five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge. (Note:-"W" Metal Beam Crash Barrier shall be procured by the department)	165.00 metre			Per Running Metre	
				Total:-		

Executive Engineer,
Mandi Division No.1,
H.P.P.W.D. at Padhar.

Schedule of Quantity

Estimated Cost:- 129580.00
 Earnest Money:- 2600.00
 Time:- Three Months

Name of work:- Improvement of "Black Spot" on Padhar Nauhali road Km. 0/0 to 14/500.
 Sub Head:- Construction of "W" Metal Beam Crash Barriers system at R.D. 6/520 to 6/585.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work 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 materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.32 Cubic metre			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.19 Cubic metre			Per cubic metre	
3	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty into seventy five into five millimetre) spaced 2.00 (two point zero zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty into seventy five into five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge. (Note:- "W" Metal Beam Crash Barrier shall be procured by the department)	165.00 metre			Per Running Metre	
				Total:-		


 Executive Engineer,
 Mandi Division No.1,
 M.P.P.W.D. at Padhar.

Schedule of Quantity

Estimated Cost:- 130105.00
Earnest Money:- 2600.00
Time:- Three Months

Name of work:- Improvement of "Black Spot" on Padhar Nauhali road Km. 0/0 to 14/500.
Sub Head:- Construction of "W" Metal Beam Crash Barriers system at R.D. 9/450 to 9/615.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work 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 materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.32 Cubic metre			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.19 Cubic metre			Per cubic metre	
3	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty into seventy five into five millimetre) spaced 2.00 (two point zero zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty into seventy five into five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge. (Note:- "W" Metal Beam Crash Barrier shall be procured by the department)	165.00 metre			Per Running Metre	
					Total:-	

Executive Engineer,
Mandi Division No.1,
M.P.P.W.D. at Padhar.

Schedule of Quantity

Estimated Cost:- 130229.00
Earnest Money:- 2600.00
Time:- Three Months

Name of work:- Improvement of "Black Spot" on Shegali Prasher road Km. 0/0 to 22/510.
Sub Head:- Construction of "W" Metal Beam Crash Barriers system at R.D. 0/630 to 0/795.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work 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 materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.32 Cubic metre			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.19 Cubic metre			Per cubic metre	
3	Providing and erecting a "W" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty into seventy five into five millimetre) spaced 2.00 (two point zero zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fittings to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty into seventy five into five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge. (Note:-"W" Metal Beam Crash Barrier shall be procured by the department)	165.00 metre			Per Running Metre	
				Total:-		

Executive Engineer,
Mandi Division No.1,
H.P. P.W.D. at Padhar.

Schedule of Quantity

Estimated Cost:- 131053.00
 Earnest Money:- 2600.00
 Time:- Three Months

Name of work:- Improvement of "Black Spot" on Shegali Prasher road Km. 0/0 to 22/510.
 Sub Head:- Construction of "V" Metal Beam Crash Barriers system at R.D. 5/720 to 5/785.

Sr. No.	Description of item	Qty.	Rate		Unit	Amount
			In Figure	In Words		
1	Earth work 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 materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.32 Cubic metre			Per cubic metre	
2	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications clause 802, 803, 1202 & 1203. Plain cement concrete 1:2:4 (one cement : two sand : four graded, crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge.	11.19 Cubic metre			Per cubic metre	
3	Providing and erecting a "V" Metal Beam Crash Barrier comprising of 3mm (three millimetre) thick corrugated sheet metal beam guard rail 70cm (seventy centimetre) above road/ ground level fixed on ISMC series channel vertical posts 150x75x5mm thick (one hundred fifty into seventy five into five millimetre) spaced 2.00 (two point zero zero) metre centre to centre 1.80 metre (one point eight zero) high 1.10 metre (one point one zero) below ground/ road level all steel parts and fitments to be galvanised by hot deep process, all fittings to confirm to IS: 1364, metal beam guard rail to be fixed on the vertical posts with a spacer of channel section 150x75x5mm (one hundred fifty into seventy five into five millimetre), 330mm (three hundred thirty millimetre) long complete as per clause 810 within all leads, lifts carriage of material and other incidentals as per direction and satisfaction of Engineer-in-Charge. (Note:-"V" Metal Beam Crash Barrier shall be procured by the department)	165.00 metre			Per Running Metre	
				Total:-		


 Executive Engineer,
 Mandi Division No.1,
 P.P.W.D. at Padhar.

Schedule of Quantity

Estimated Cost:- Rs. 336861.00
 Earnest Money:- Rs. 6700.00
 Time:- Three Months

Name of work:- Restoration of rain damages on Drang to Katindhi road Km. 0/0 to 11/600.
 Sub Head:- Construction of Breast wall at R.D. 11/325 to 11/340.

Sr. No.	Description of Item	Qty	Rate		Unit	Amount
			In Figure	In words		
1	Earth work in excavation for structures for all kinds of soil as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto any lead, dressing of sides and bottoms and back filling in trenches with excavated suitable materials complete within all leads, lifts, carriage of material and other incidental complete in all respect as per direction of Engineer-in-Charge.	39.60 Cum.			Per cubic metre	
2	Providing and laying concrete for plain / reinforced concrete in open foundations complete as per drawing and technical specification clauses 802.803,1202 & 1203 . Plain cement concrete nominal mix 1:4:8 (one cement : four sand : eight graded,crushed stone aggregate 40mm (forty millimetre) nominal size) curing complete within all leads, lifts carriage of material and other incidentals as per direction of Engineer-in-Charge.	60.30 Cum.			Per cubic metre	
3	Providing weep hole in brick masonry/ stone masonry / plain reinforced concrete abutment , wing wall, return wall with 100mm dia.(one hundred millimetre diameter) PVC pipe extending through the full width of the structures with slope of 1V:20H (one vertical isto twenty horizontal) towards drawing face complete as per drawing and technical specifications clauses 614,709,1204.3.7 including carriage of material and other incidental as per direction of Engineer-in-Charge.	23.00 Nos.			Each	
					Total	


 Executive Engineer,
 Mandi Division No.1
 H.P. PWD. at Padhar

Schedule of Quantity

Estimated Cost:- 252934.00
 Earnest Money:- 5100.00
 Time:- Three months

Name of work:- Construction of two class rooms with stair hall at Govt. Senior Secondary School Kamand Distt. Mandi (H.P.)

Sub Head:- Providing brick masonry, roofing, painting, distempering and steel work etcetra.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In Words		
1	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 (seven point five) in superstructure above plinth level up to floor V level complete including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge..	21.54 Sqm.			Per square metre	
2	Steel work welded in built up sections, trusses and framed work including cutting hoisting and fixing in position and applying a priming coat of red lead paint in beams, joists, channels, angles, tees flats with connecting plates or angle cleats in main and cross beams, hip and jack rafters purlins connected to common rafters and the like complete as per design including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	7.86 Qtl.			Per quintal	
3	Providing and fixing moulded hand rail of M.S. hollow pipe 50mm dia (fifty millimetre diameter) welded in straight length over M.S. flat at top of vertical balusters including one coat of red oxide priming coat complete (M.S. flat and balusters of railings shall be measured and paid separately) including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	35.30 Rmt.			Per running metre	
4	Providing and fixing 0.60mm (zero point six zero millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (twenty) microns over 5 (five) microns primer coating to back coat of polyester 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted limpet and rubber washers complete with all accessories as required including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	11.43 Sqm.			Per square metre	
5	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 in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	342.60 Sqm.			Per square metre	
6	Distempering with oil bound washable distemper of approved brand and manufacturer to give an even shade on new work (two or more coats) over and including water thinnable priming coat with cement primer complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	342.60 Sqm.			Per square metre	
7	Applying priming coat With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood) complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	30.02 Sqm.			Per square metre	

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In Words		
8	Painting on new work (two or more coats) with oil type wood preservative of approved brand and manufacture complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	30.02 Sqm.			Per square metre	
9	Providing and fixing double rebate angle iron, doors, windows, clerestory windows frames manufactured from structural steel iron section of angle 40 x 40 x 6 mm (forty into forty into six milliMetre) thickness welded with 50 x 6 mm (fifty into six milliMetre) thick flat iron including hinges, jambs, lock jambs, mild steel 50 x 25 mm (fifty into twenty five milliMetre) welded or rigidly fixed by mechanical means lugs with split end tails to each jambs including steel butt hinges 3.5 mm (three point five milliMetre) thick with provision with locking arrangement and shock observer as specified and applying a coat of approved steel priming after pretreatment of the surface complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	6.60 Rmt.			Per running metre	
10	Providing and fixing MS BP sheet 1.66mm to 2mm (one point six six millimetre to two millimetre) thick in eaves board/facial/soffits/ceiling including cutting, fixing and welding to steel roof members and applying a coat of red lead primer complete as per the instruction of Engineer-In-Charge (Base members of steel work shall be measured & paid separately) including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	2.52 Sqm.			Per square metre	
11	Painting two or more coats applied @ (at the rate of) 0.90ltr /10sqm ((zero point ninety litre per ten squaremetre) over an under coat of primer applied @ (at the rate of) 0.80ltr /10sqm (zero point eighty litre per ten squaremetre of approved brand and manufacture on steel work with Deluxe Multi surface paint to give an even shade complete in all respect including carriage of materials within all leads and lifts as per direction and satisfaction of Engineer-in-Charge.	35.05 Sqm.			Per square metre	
	Total:-					


 Executive Engineer,
 Mandi Division No.1,
 H.P. PWD. at Padhat

Schedule of Quantity

Estimated Cost:- 122584.00
 Earnest Money:- 2500.00
 Time:- Three months

Name of work:- Construction of two class rooms with stair hall at Govt. Senior Secondary School Kamand Distt. Mandi (H.P.)

Sub Head:- Balance work of roofing and ceiling.

Sr. No.	Description of item	Quantity	Rate		Unit	Amount
			In Figure	In Words		
1	Providing and fixing 0.60mm (zero point six zero millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheet with top coat of regular modified polyester (RNP) organic coating of 20 (twenty) microns over 5 (five) microns primer coating to back coat of polyester 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted limpet and rubber washers complete with all accessories as required as per the direction of Engineer-in-Charge complete as per specification including carriage of material within all leads, lifts and other incidental charges.	55.79 Sqm.			Per square metre	
2	Providing and fixing ridges or hips 60cm (sixty centimetre) overall with 0.60mm (zero point six zero millimetre) thick prepainted steel sheet in roofing with hot dipped metallic zinc coated sheets with top coat of regular modified polyester organic coating of 20 (twenty) microns over 5 (five) microns primer coating plus back coat of polyester of 5 (five) microns over 5 (five) microns primer coating including fixing with screws prepainted iron J or L hooks, bolts and nuts 6mm (six millimetre) diameter with prepainted GI limpet and bitumen washers complete with all accessories as required as per the direction of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental charges.	18.50 Rmt.			Per running metre	
3	Providing and fixing 6mm (six millimetre) thick plain multipurpose cement bonded wood particle board as per IS:14276 (High pressure steam cured) with suitable screws for cement particle board in ceiling etcetra complete (frame work to be paid seperately) including carriage of materials within all leads and lifts complete in all respect as per direction and satisfaction of Engineer-in-Charge.	47.78 Sqm.			Per square metre	
	Total:-					

Executive Engineer,
 Mandi Division No.1
 H.P. PWD. at Padhna