HIMACHAL PRADESH PUBLIC WORKS DEPARTMENT

NO.SD-III-CB-Tender/2022-23- 478

Dated:- 18-5-22

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

Subject:-

Tender Notice

Enclosed kindly find herewith the tender notice for the work as given in the notice inviting tender for uploading on department website as per notification of Principal Secretary (PW) to the Govt. of HP vide letter No.PBW (B)A(3)1/2020 dated 16^{th} July,2021 as the works mentioned in the notice inviting tender are urgent/emergent nature of works in public interest.

Encl:- as above

Executive Engineer, Shimla Division No-III, HP.PWD Shimla-34 HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT

NOTICE INVITING TENDER

Sealed item rate tenders on form No. 6&8 are hereby invited by the Executive Engineer, Shimla

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Division No. III, HP.PWD. Shimla-3 on behalf of the Governor of H.P. for the following works from the eligible

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Contractors/Firms enlisted in HP.PWD, so as to reach in his office on or before 24-05-2022 up to 10.30 A.M. and will

Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be opened on the same day at 11.00 A.M. in the presence of the intending Contractors/Firms or their authorized be open

The earnest money in the shape of National saving Certificate/Time deposit account/saving account in any of the post office in HP, duly pledged in favour of Executive Engineer, Shimla Division No-III must accompany with the application form for the tender offer. Conditional tender and the tender received without earnest money will summarily be rejected. The Executive Engineer reserves the right to reject the tender without assigning any money will summarily be rejected. The Executive Engineer reserves the right to reject the tender without assigning any reason there to. Other conditions are applicable as perform No. 6&8. The offer shall remain open for 30 days.

re Sr.	Name of work	Estimated Cost	Earnest money	Time	Cost form	ojForn No
No I	Special repair to residential building under Shimla Division No.III (SH:- Providing water tank and plateform for Set No.	Rs.3,60,927/-	Rs. 7220/-	One Month	350/-	6&8
2	1.4 and 5 at Harvington Estate Lakkar Bazar Shimla). S/R to residential buildings under division No.III Shimla (SH:- Providing and fixing PVC water tank and tank stand	Rs.3,31,924/-	Rs.6640/-	One Month	350/-	6&8
3	for new type-V at Richmound Shimla). Special repair to Type-II of Block-IV Y Lodge at Lakkar Bazar Shimla and Type-II of Kitchen Block at Correstophen Estate at IGMC Shimla (SH:- Half Brick Masonary, M.S. Grils Partition & distempering, water supplying and	Rs.3,18,008/-	Rs.6370/-	One Month	350/-	6&8
1	sanitary fittings in set No. 48 of Kitchen Block & Set No. 3 & 4 of IVY Lodge). A/R & M/O to Approach road to High Court Building Shimla. (SII:- Providing and laying metaling & taring to approach road to High Court building at RD 0/00 to RD	Rs.3,63,516/-	Rs. 7270/-	One Month	350/-	6&8
ī	0/119.00) Special repair to Doctors residence type-IV of Block B at Correstophen Estate Lakkar Bazar Shimla (SH: - Providing wood work, Eaves board, Gutter, painting and distempering	Rs.2,06,640/-	Rs.4140/-	One Month	350/-	6&8
5	A/R & M'O to Approach road to High Court Building Shimla.(SH:-Providing and laying metaling taring of approach road RD 0/00 to RD 0/104.60)	Rs. 1,94,885/-	Rs.3900/-	One Month	350/-	6&8

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest.

The contractor/firm shall have his GST No. and attested copy of the same be attached with the application for issue of tender form.

2 The contractor/firm should attach attested copy of registration/renewal.

3 Copy of PAN card be attached with the application form

NO.SD-III-CB-Tender/2022-23-

Copy forwarded for the following for information and necessary action to

1. The Engineer-in -Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla-2.

2. The Deputy Commissioner Distt. Shimla-1.

3. The Superintending Engineer 4th Circle in H.P., PWD Shimla with the request to issue necessary certificate regarding display of above tender notice in the notice board of circle office in view of the Principal Secretary (PW) to the H.P. notification No PBW (B) A (3)1/2020.Dated:-Shimla-2 the 07January, 2021 and even file No.PBW (B)A(3)1/2020 Dated 16 July,2021 Please.

 The Executive Engineer, IT wing to the Engineer-in -Chief, HPPWD Nirman Bhawan, Nigam Vihar Shimla- 2 along with schedule of Quantity through (e-mail) for taking necessary action in view of principal Secretary(PW) to the Government of Himachal Pradesh notification No.PBW (B)A(3)1/2020 dated 16th July, 2021.

5. The Municipal Commissioner M.C. Shimla.

6. All the Assistant Engineers working under this Division.

7. The president contractor/association Shimla.

. Notice board

Executive Engineer, Shimla Division No-III, HP PWD.Shimla-3

Executive Engineer, Shimla Division No-III, HP PWD.Shimlar Dated:

Estimated Cost Rs. :- 0.00360927/~ Earnest Money Rs. :- 0.00-7,2*2*ø_/

Time:- One Month!

Name of work: - Special Repair to Residential Building Under Shimla Division No.III(SH:- Providing Water Tank and Plateform for Zo. Set No. 1, 4 and 5 at Harvington Estate Lakkar Bazar Shimla) SI. Conditions:brackets, gates and similar works structural steel etc. as required.(i) In gratings, frames, guard bar, ladder, railings, fixing in position and applying a priming coat of approved steel primer using Steel work welded in built up sections/ framed work, including cutting, hoisting, coarse sand) : 4 graded stone aggregate 20 mm nominal size) cost of centering and shuttering - All work up to plinth level :(i) 1:2:4 (1 cement : 2 Providing and laying in position cement concrete of specified grade excluding the by Engineer-in-charge. All kinds of soil getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over Items of work 3107.26 Kg Quantity 5.06 cum. 5.06 cum. in figuers Rate In words Kilogram Cubic Metre Cubic Metre me Per Per Per Unit. |Amount.

Total

HP PWD. Shimlars. Executive Engineer Shimla Division No.III

Rates should be quoted for all heights including all leads and lifts for internal and external works.

Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD Shimla-1 otherwise credit for useful materials will be charged.

Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in standard in the market should confirm to bureau of Indian standards advance before actual use on work and any or all of the materials which are available as per Indian



Estimated cost:-331924.00 6640.00

Earnest Money:-

One Month.

SR. NO.	Sub-Head/Item of work.	Qty.		Rate	Unit	Amount.
			In Figures.	In Words		
		ယ	4	5	6	
	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not 3.24		3		Per cubic	
	exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				metre	
2	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, 3.24 finishing and reinforcement - All work up to plinth level: i)1:1.5:3 (1 cement: 1.5 coarse sand): 3 graded stone aggregate 20 mm nominal size).	24 Cum	3		Per cubic metre	
ω	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of 1169.24	69.24 Sqm	3		Per square	
,	similar works.			10		
4	Providing and fixing welded mesh 25mm x 25mm X 3mm thick as per approved design by welding with electrical plant complete 63.80 including applying priming coat of red lead paint as per HP.PWD. Specification 1990 Volume-I including carriage of materials upto all leads and lifts.	.80 Sqm	3		Per square metre	
<u>-</u>	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable 16000.00 locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	000.00 Ltr			Per litre	
N.					Total	

2 Sample of all the material to be used on work shall be got approved from the Engineer-in-charge in advance before actual use on work and any or all of the material which are available as per Indian standard in the market should confirm to bureau of 1 Rates should be quoted for all heights including all leads and lifts for internal and external works. indian standards.

Execotive Engineer Shimla Division NO.III. HPAWD.Shimla-171003



Estimated Cost Rs. :- 318008.00
Earnest Money Rs. :- 6370.00

Estate at IGMC. Shimla(SH:- Half Brick Masonary, MS. Grils, Partition & distempt No. 48 of Kitchen Block & Set No. 3&4 of IVY Lodge.) SI. Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level;- Cement mortar 1.4 (1 cement :4 direction of Engineer - in - charge. Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. (i) Providing and fixing insulating board ceiling of approved quality with necessary nails etc. complete (frame work to be paid separately) :(i) Natural colour insulating board (a) 12 mm Providing and fixing 50x12mm hard wood moulded beading to door and window frames with necessary nails etc. providing and fixing 50x12mm hard wood moulded beading to door and window frames with rawl plugs screws etc. on see asoned and chemically treated hollock wood (a) 50x12mm Thick Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) 35.24 Son	S. Grils , Partition & distempering, Water Quantity In figuer: Cks of class designation mortar 1:4 (1 cement :4 leads and lifts as per wws etc. with M.S. flats, primer all complete. (i) necessary nails etc. ting board (a) 12 mm and window frames complete :(i) Kilin stone aggregate) 35.24 Som	7 6 UD of sp. Cool in-cool in-cool		of "	5 f Q	4 7 7 8	3 ₹ 0 ₽	N TI Ø TI		No.	Name Estate No. 48
24.34 Sqn 77.70 Rmt 35.24 Sqn 24.34 Sqn 77.70 Rmt	Quantity Quantity 137.80 KG. 25.22 Sqm 27.70 Rmt. 24.34 Sqm 24.34 Sqm	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. including carriage of material within all leads and lifts as per direction of Engineer. in-charge.	yiding and laving Coronic alread and ints	Dismantling of Dhajji Walling including Stacking of serviceable Materials and Dispaosal of	cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete	roviding and fixing 50x12mm hard wood moulded beading to door and window frames th iron screws, plugs and priming coat on unexposed surface etc. complete :(i) Kiln asoned and chemically treated hollock wood (a) 50x12mm Thick	roviding and fixing insulating board ceiling of approved quality with necessary nails etc. Implete (frame work to be paid separately) :(i) Natural colour insulating board (a) 12 mm	roviding and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, quare or round bars etc. including priming coat with approved steel primer all complete. (i) ixed to openings /wooden frames with rawl plugs screws etc.	fall brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 5 in superstructure above plinth level up to floor V level; Cement mortar 1:4 (1 cement :4 oarse sand) complete including carriage of materials within all leads and lifts as per irection of Engineer - in - charge.	Items of work	of work: - Special Repair to Type-II of Block-IVY lodge at Lakka at IGMC. Shimla(SH:- Half Brick Masonary , MS. Grils , Partition of Kitchen Block & Set No. 3&4 of IVY Lodge .)
	In figuers	12.51 Sqm	1	24.34 Son	35.24 Sqn	77.70 Rm	25.22 Sqn	437.80 KG.	24.34 Sqn	Quantity	ır Bazar Sh & distemp
Rate In words		-	Per Square metre	metre Per Square	Per	metre Per Running metre	Per Square	Per Kilogram me	Per Square metre	Unit.	Time:- lock at (unitary F
Time:- One Month. pe-II of Kitchen Block at Correstophen Supplying and Sanitary Fittings in Set Rate Unit. Amount. Per Square metre Per Running metre Per Square metre Per Square metre Per Running metre Per Square metre	Time:- lock at C		-							Amount.	Time:- One Month. k at Correstophen tary Fittings in Set

	Shimla or otherward of the control o	sal of surplus excavate	nantling old plaster or ski	coat of approved brand and incidentals.	ainting Steel work with Del	Painting with synthetic enameshade complete including calon new wood work.	voiatile Organic Compound vork (hard and soft wood) ha	Applying priming coats with primer of approve	Painting with synthetic ename o give an even shade One control o give an even shade One control of the control	smooth complete including c Charge.	Providing and applying white	scrapping ary or oil boun, scrapping, sand papering an scratches etc. complete	than 50 grams/ litre of approvement (one or more coats)	to give an even shade :One or more coats on old work Distempering with 1st quality acrylic distember (De.)
Renewing glass panes, with wooden fillets wherever necessary including carriage of materials within all leads and lifts (i)Float glass panes of nominal thickness A mm (weight	site of M.C. Shimla or otherwise including payment of prescribed charges of dumping to the owener of dumping site through all mode of transportation including head load animal load or mechanical means alongwith its leveling and to complete the work of mechanized means and labour (if any required). The dumping site to be arranged by the contractor entirely at his own risk and cost. All useful materials such as stones, aggregate and slates shall be sorted out and stacked along roads side any loss of the public/private property during the course of diisposal shall be the absolute responsibility of the contractor which shall have to be dully compensated by him in all respect as per direction of Engineer-in-Charge.	Disposal of surplus excavated earth by Mechanical with in all leads on approved dimpina	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 matres lead	coat of approved brand and manufacture within all leads and lifts of materials and other incidentals.	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade complete including carriage of materials within all leads and lifts.:- Two or more coats on new wood work.	(volatile Organic Compound) content.(i)With ready mixed pink or grey primer on wood work (hard and soft wood) having VOC content less than 50 grams/ litre	Applying priming coats with primer of approved brand and manufacture having low VOC	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade One or more coats on old work on wood surface complete including carriage of materials within all pade and the coats.	smooth complete including carriage of materials and as per the direction of the Engineer-in-Charge.	Providing and applying white cement based putty of average thickness 1 mm, of approved that the providing and manufacture white cement based putty of average thickness 1 mm, of approved	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	than 50 grams/ litre of approved brand and manufacture to give an even shade :(i) Old work (one or more coats)	Distempering with 1st quality acrylic distember (Book, 2015)
2.45 Sqm	ç. X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-X-	n	95.67 Sqm	26.35 Sqm.		25.22 Sqm.	25.22 Sqm.	3	477.86 Sqm	mpc /2.00#	100 27	260.58 Sqm.	651.46 Sqm	139.69
Sqm			Sqm	Sqm.		Sqm.	sqm.		Sqm	oqm		Sqm.	Sqm	Sqm
Per Square	Per Cubic Metre	Square Metre	Metre	Per Square	Metre	Per	Per Square Metre	Square Metre	Per	Per Square	Square Metre	Metre	Metre Per Square	Per Square

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			22		21	20
i Rates should be quoted for all heights including all leads and lifts for internal and external works.	Conditions:-	12/01 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 upto all leads and lifts and as directed by the Engineer in Charge.	Providing and placing on terrace (at all floor levels) polyethylene water stores.	etc. External work:-15mm dia nominal bore complete in all respects as directed by the Engineer-in-charge including carriage of materials in all leads and lifts.	Providing and fixing G.I. pipes complete with G.I. fittings including	Providing and fixing wash basin with single hole C.I. brackets, 15 mm C.P. brass pillar tap, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:(i) White Vitreous China Wash basin size 630x450 mm including carriage of materials within all leads and lifts.
		1000.00 Ltrs.		34.70 Rmt.		2.00 No.
Total		Per Litre	metre	Per Running		Each

ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be charged.

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standard in the market should confirm to bureau of Indian standards. are available as per Indian

Executive Engineer Shimla Division No.III HP EWD. Shimla-



0/00 to RD 0/119.00)

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 363516.00

Earnest Money Rs. :- 7270.00

Name of work:- A/R and M/O to Approach road to High Court Building Shimla. (SH:- Providing and Laying metaling & taring to approach road to high court building at RD Time:- One Month.

SI. No.	Items of work	Quantity	ਣ _		Rate
				In figuers	In words
_	Providing and applying tack coat with bitumen emulsion (RS-1) using emulsion distributor 853.63		Sqm		
	at the rate of 0.275 kilogram per square metre on the prepared granular surfaces treated				
-	with primer and cleaned with hydraulic broom as per techanical specification Clause 503 (
	Five hundred three) including carriage of material with in all leads, lifts and as per the				
	direction of Engineer-In- Charge.				
2	Providing and laying 30mm (twenty five milimetre) thick bituminous concrete with 100-120 TPH 25.61		Cum		
	batch type hot mix plant producing an average output of 75 tonnes per hour crushed aggregates of	A			
	specified grading, premixed with bituminous binder @ 5.40 to 5.60 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to				
_	the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to				
	achieve the desired compaction as per MORTH specification clause No.508 including carriage of				
_	materials in all leads and lifts as per directions of the Engineer-In-Charge.				
	in the state of th				

Sample of all the materials to be used on work shall be got approved from the Engineer-in-Useful materials will be handed over to the Assistant Engineer, Vidhan Sabha Sub Division charge in advance before actual use on work and any or all of the materials which are HPPWD, Shimla-4 otherwise credit for useful materials will be charged.

standards.

available as per Indian standard in the market should confirm to bureau of indian

HP. PWD. Shimla-3. Shimla Division No. III, Executive Engineer,



Estimated Cost Rs. :- 206640.00

Name of work: -Special Repair to Doctors Residence type-IV of Block B at Correstophen Estate lakker Bazar Shimla. (SH: - Providing

Si.	items of work					1	·
, S	Qu	Quantity			Rate		A
	Dismantling roofing including ridges, hips, valleys, gutters etc. stacking the serviceable	29 93 Sam		In figuers	In words		Amount.
2	Providing wood work in trusses, purlins, rafters, posts, post plates, wall and lifts: G.I. Sheet					Per square metre	
	within all leads and lifts in 2nd class deodar wood.	0.211 Cum	m			Per Cubic	
ω	Providing eaves board 200mm X 25mm thick including fixing in position including carriage of materials within all leads and life; in 2nd 15	15.50 Rmt	Ĩ.			C	
4	Providing weather hoard 100 V or					Per running	
	of materials within all leads and lifts in 2nd class deodar wood.	15.50 Rmt.	ñt			Per	
5	Providing and fixing 25mm thick wooden plank ceiling/ flooring with tongued and grooved	9 30 800				metre.	
Territor W.	separately) in 1st class deodar wood complete including carriage of materials within all leads and lifts.					Per square metre	
6	Providing and fixing 50mm X12mm section plain square edged cover fillets (beading) with wood screws in ceiling and lining including mitring at junctions in deodar wood including carriage of materials within all leads and lifts as per direction of Engineer-in-charge.	55.80 Rmt.	AT.			Per Running metre	
7	Providing and fixing 15cm wide 45cm overall semicircular plain G. I. sheet gutter with iron brackets 40mm X 3mm size bolts and nuts and washers etc. including making necessary conections with rain water pipe complete as per design including carriage of materials within all leads and lifts: 0.63mm thick sheet.	69.50 Rmt	Ŷnt.		,	Per Running metre	
8	Providing and fixing 110mm dia pipes on wall face PVC Finolex type "A" rain water pipes including filling the joints with approved adhesive and inclunding require No. of coller and clamps etc complete including carriage of materials within all leads and lifts.	12.00 Rmt.	Ŷmt.			Per	
9	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of material in all leads and lifts.	127.98 Sqm.	Sqm.			Per square metre.	

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_				ျို	51	_			- 7 D D
ii Useful materials will be handed over to the Assistant Engineer, Medical Collage Sub Division HPPWD, Shimla-1 otherwise credit for useful materials will be changed.	i Rates should be quoted for all heights including all leads and lifts for internal and external works.	Conditions:-	Bamboo complete tied with rope on joints and pedistal of CGI Sheet etc. in all respect (Face area of scafolding up to top pedestal height shall be measured and paid for) including carriage of materials within all leads and lifts as per direction of the Engineer - in - charge.	manufecture on old work to give an even shade including carriage of materials within all leads and lifts: White /grey/green shade. Providing scraffolding for all blad of materials within all leads and lifts in the control of the c	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equalitied on undecorated wall surfaces (one coats) to give an even shade and final finish after throughly cleaning the surface to remove all dirt, dust and other foreign matter etc. including sand paper smooth complete in all leads and lifts including carriage of materials and as per the direction of the Engineer-in-Charge.	Applying one or inder coat or paint processor painty indee or willuff and POP etc. mixed in required quantity of white enamel paint for application on wood based products after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials within all leads and lifts.	Painting one coal(excitoting primiting coary on previously parinted wood and wood based surfaces with enamel paint to given and even shade including cleaning of all dirt,dust and other foreign matter sand papering and stopping including carriage of materials in all leads and lifts: With Enamel paint other than white.	Painting two coat (excluding priming coat) on new wood and wood based surface with Painting two to at even shade including cleaning the surface of dirt, dust and other enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering and stoping including carriage of materials within all leads and lifts in With white enemal paint.	Applying priming coat over new wood and wood based surfaces after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter sand papering and knotting including carriage of materials within all leads and lifts in Readymixed paint brushing with white lead for priming.
			77.64 Sqm	313.34 Sqm.	319.96 Sqm	12.40	55.36	12.40	12.4
			Sqm	Sqm.	Sqm	12.40 Sqm.	55.36 Sqm.	12.40 Sqm.	12.40 Sqm
	Total		Per square metre	Per square metre	Per square metre	Per square metre.	Per square metre.	Per square metre	Per square metre

Executive Engineer
Shimla Division No.III
HP PWD. Shimla

iii Sample of all Materials to be used on work Shall be got approved from the Engineer-in- charge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of Indian standards.



Name of work:- A/R and M/O to Approach road to High Court Building Shimla. (SH:- Providing and Laying metaling taring of approach road RD 0/00 to RD 0/104.60)

SCHEDULE OF QUANTITY

Estimated Cost Rs. :- 194885.00

Earnest Money Rs. :- 3900.00
Time:- One Month.

Providing and applying tack coat with bitumen emulsion (RS-1) using emulsion distributor 457. at the rate of 0.275 kilogram per square metre on the prepared granular surfaces treated with primer and cleaned with hydraulic broom as per techanical specification Clause 503 (Five hundred three) including carriage of material with in all leads, lifts and as per the direction of Engineer-In- Charge. Providing and laying 30mm (twenty five milimetre) thick bituminous concrete with 100-120 TPH 13.7 batch type hot mix plant producing an average output of 75 tonnes per hour crushed aggregates of specified grading, premixed with bituminous binder @ 5.40 to 5.60 per cent of mix and filler, transporting the hot mix to work site, laying with smooth pover finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.508 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	SINO	Itams of work	Quantity		Rate Unit.	it. Amoun
Sqm Per s			•	In figuers In	words	
13.73 Cum Per	_	Providing and applying tack coat with bitumen emulsion (RS-1) using emulsion distributor and the rate of 0.275 kilogram per souare metre on the prepared granular surfaces treated			Pers	quare metre
13.73 Cum Per		with primer and cleaned with hydraulic broom as per techanical specification Clause 503 (
our crushed aggregates of per cent of mix and filler, sher with sensor control to atory and tandem rollers to atory and tandem rollers to 1.508 including carriage of	4	Five hundred three) including carriage of material with in all leads, lifts and as per the direction of Engineer-In- Charge.				
specified grading, premixed with bituminous binder @ 5.40 to 5.60 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.508 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	N	Providing and laying 30mm (twenty five milimetre) thick bituminous concrete with 100-120 TPH 1 batch type hot mix plant producing an average output of 75 tonnes per hour crushed aggregates of			ָדָם. פַּ	metre
	, ,	specified grading, premixed with bituminous binder @ 5.40 to 5.60 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.508 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.				

ii Useful materials will be handed over to the Assistant Engineer, Vidhan Sabha Sub Division HPPWD, Shimla-4 otherwise credit for useful materials will be charged.

His Sample of all the materials to be used on work shall be got approved from the Engineer-incharge in advance before actual use on work and any or all of the materials which are available as per Indian standard in the market should confirm to bureau of indian

i Rates should be quoted for all heights including all leads and lifts for internal and external

Executive Engineer,
Shimla Division No. III,
HP. PWD. Shimla-3.