

क्रमांक/यां.प्र./भवन/2026/ 57  
प्रति,

भोपाल, दिनांक - 11/2/26

मुख्य नगर पालिका अधिकारी,  
नगर पालिका आष्टा  
जिला - सीहोर

विषय:- निकाय क्षेत्रान्तर्गत पार्वती नदी के अप-डाउन स्ट्रीम पर संरक्षण एवं सौंदर्यीकरण निर्माण कार्य की तकनीकी स्वीकृति।

संदर्भ:- आपका पत्र क्रं. 2313 दिनांक 27.01.2026.

विषयान्तर्गत, संदर्भित पत्र के द्वारा निकाय क्षेत्रान्तर्गत पार्वती नदी के अप-डाउन स्ट्रीम पर संरक्षण एवं सौंदर्यीकरण निर्माण कार्य का प्राक्कलन प्रस्तुत कर तकनीकी स्वीकृति चाही गई उक्त कार्य की स्ट्रक्चरल डिजाईन शासकीय इंजीनियरिंग कॉलेज/पॉलिटेक्निक कॉलेज से सक्षम स्तर से करवाने के उपरांत ही निर्माण कार्य प्रारम्भ किया निकाय जावे। निविदा लागत की सक्षम प्रशासकीय एवं वित्तीय स्वीकृति प्राप्त करने के उपरांत ही निर्माण कार्य प्रारम्भ किया जावे। निर्माण कार्य प्रारम्भ करने के पूर्व सम्बंधित विभागों से अनुमति/अनापत्ति प्रमाण पत्र एवं नगर तथा ग्राम निवेश विभाग की अनापत्ति प्रमाण पत्र प्राप्त की जावे। परीक्षण उपरान्त MP Municipalities (Accounts & Finance) नियम 2018 के नियम 238 के अनुसार तकनीकी स्वीकृति निम्नानुसार शर्तों के अधीन प्रदान की जाती है-

क्रं.	कार्य का नाम	मद	प्रभावशील एस.ओ.आर. का विवरण	तकनीकी स्वीकृति की राशि
1	निकाय क्षेत्रान्तर्गत पार्वती नदी के अप-डाउन स्ट्रीम पर संरक्षण एवं सौंदर्यीकरण निर्माण कार्य।	न.पा.निधि/ अनुदान	म.प्र.न.प्र. एवं विकास विभाग, आई.एस.एस.आर. दि. 02.08.2021 से प्रभावशील	2,42,78,406.00
			जी.एस.टी. 18 प्रतिशत	43,71,113.00
			कुल योग	2,86,49,519.00

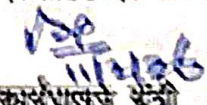
नोट:- ऑफलाइन तकनीकी स्वीकृति को एक सप्ताह के भीतर ई-नगर पालिका-2.0 पोर्टल से ऑनलाइन करना सुनिश्चित करें।

**शर्त:-**

- निर्माण के दौरान सी.पी.डब्ल्यू.डी. स्पेशिफिकेशन एवं यू.ए.डी.डी. स्पेशिफिकेशन का पालन सुनिश्चित किया जावे। निर्माण कार्य के दौरान निर्माण कार्यों में प्रयुक्त निर्माण सामग्री/कांक्रिट आदि का शासकीय/मान्यता प्राप्त प्रयोगशाला परीक्षण निर्धारित आवृत्ति अनुसार कराया जावे। कार्य के चल देयक, भुगतान के पूर्व उपयोग की समस्त सामग्रियों एवं कांक्रटी की टेस्ट रिपोर्ट आवश्यक रूप से प्राप्त की जावे एवं कार्य की विधिवत निविदा आमंत्रित की जावे।
- म.प्र. नगर पालिका लेखा नियम 1971 के नियम 131 के उपनियम 3) के खण्ड) दो (के प्रावधान अनुसार सक्षम प्रशासकीय स्वीकृति प्राप्त की जावे।
- म.प्र.न.पा) प्रेसीडेंट-इन-काउंसिल के कामकाज का संचालक तथा प्राधिकारियों की शक्तिया एवं कर्तव्य (नियम 1998 के नियम 7 (3) अनुसार संविदाकारों से अनुबंध सम्पादन के समय पांच प्रतिशत प्रतिभूमि राशि कार्य की अनुमानित लागत या सामग्री या माल के अनुमानित मूल्य की जाम कराई जावे।
- म.प्र.न.पा) प्रेसीडेंट-इन-काउंसिल के कामकाज का संचालक तथा प्राधिकारियों की शक्तिया एवं कर्तव्य (नियम 1998 के नियम 5 (5)(एक)(ग्यारह) के प्रावधानों के अनुसार निविदा आमंत्रित की जावेगी
- निर्माणकार्य प्रारंभ करने के पूर्व स्ट्रक्चर की भार वहन क्षमता का परीक्षण शासकीय मान्यता प्राप्त प्रयोगशाला से कराया जावे। परीक्षण रिपोर्ट के आधार पर भवन की संरचना डिजाईन सक्षम स्ट्रक्चरल शासकीय इंजीनियर से करवाई जाकर निर्माण कार्य प्रारंभ किया जावे। ड्राइंग डिजाईन में भूकम्प अवरोधी तकनीक का समावेश किया जावे।
- सक्षम जिला प्रशासन अधिकारी एवं नगर तथा ग्राम निवेश की अनुमति प्राप्त कर ही निर्माण कार्य किया जावे।
- मौके की स्थिति अनुसार यदि किसी प्रकार का परिवर्तन आवश्यक प्रतीत होता है तो निर्माण के पूर्व नियमानुसार सक्षम स्वीकृति प्राप्त की जावे।
- निर्माण कार्य स्वयं के अधिपत्य की भूमि में किया जावे।
- विस्तृत प्राक्कलन के साथ सेनेटरी एवं इलेक्ट्रिकल के आयटम का समावेश कर एकजाई तकनीकी स्वीकृति एवं अन्य स्वीकृतिया प्राप्त की जाए।
- स्थल पर वास्तविक रूप से सम्पन्न कार्यों का ही भुगतान किया जावे।
- भूमि विवाद की स्थिति में अथवा शासकीय विभाग द्वारा आपत्ति ली जाने पर प्राप्त तकनीकी स्वीकृति स्वतः ही निरस्त मानी जावेगी।
- कार्य टुकड़ों में विभाजित होने की स्थिति में इसका दायित्व निकाय के मुख्य नगर पालिका अधिकारी का होगा तथा उक्त स्थिति में प्रदाय की गई तकनीकी स्वीकृति स्वतः निरस्त मानी जावेगी।
- कार्य स्थल पर संबंधित निर्माण कार्य का बोर्ड अनिवार्य रूप से लगाया जावे, साथ ही कार्य प्रारंभ के पूर्व एवं कार्य समाप्ति पर वीडियोग्राफी/फोटोग्राफ तैयार कराये जावें।
- नगर तथा ग्रामीण नियोजन विभाग के नियमानुसार आवश्यक स्थल अनुमोदन/अनापत्ति प्राप्त की जावे। नजूल एवं अन्य विभागों से आवश्यक एन.ओ.सी./सहमति भी प्राप्त की जावे।

15. प्राप्त निविदा/कोटेशन की दरों की तुलना निकाय के क्षेत्र अथवा नजदीकी लोक निर्माण विभाग/ गृह निर्माण विभाग/ग्रामीण योजनाओं के विभाग/लोक स्थायी यांत्रिकी विभाग के समान कार्यों की वर्तमान प्रचलित दरों से तुलना की जाकर, निविदा समिति के स्पष्ट अनिमत के साथ पारित प्रस्ताव पर मुख्य नगर पालिका अधिकारी अपने स्पष्ट मत अंकन कर, नियमानुसार पी.आई.सी./परिषद के सक्षम स्वीकृति प्राप्त करेंगे।
16. निर्माण कार्य की लागत राशि रु .25.00 लाख से अधिक होने पर स्थल प्रयोगशाला की स्थापना, निर्माण एजेंसी से कराई जाकर टेस्टिंग मटेरियल ही उपयोग में लाया जावे।
17. म.प्र. शासन, नगरीय विकास एवं पर्यावरण विभाग मंत्रालय भोपाल के आदेश क्र JF-6-18/10/18-3/7314 भोपाल दिनांक 07 अगस्त 2016 के अनुसार राशि रु.1.00 लाख अथवा उससे अधिक के कराये जाने वाले कार्यों के लिये ई-टेंडरिंग व्यवस्था के माध्यम से आभूत की जाना सुनिश्चित करें।
18. निविदा सूचना में प्रावधान किया जाये कि निविदाकार को ई.पी.एफ .एवं लेबर विभाग का पंजीयन प्रमाण पत्र देना होगा। Cost Escalation Clause लागू नहीं होगा।
19. भवन में रेन वाटर हार्वैस्टिंग तकनीक का उपयोग करना होगा। निर्माण भूकम्परोधी तकनीक का होगा।
20. निविदा दर स्वीकृति उपरांत ठेकेदार को जिले के श्रमपदाधिकारी के पास श्रम आयुक्त के संविदा श्रमिक) विनियमक एवं समिति (अधिनियम 1970 के अंतर्गत आवेदन प्रारूप-05 तत्काल जमा कराना अनिवार्य होगा। तत्पश्चात् ठेकेदार से उक्त पंजीयन निकाय में जमा कराकर अनुबंध संपादित किया जावेगा। पंजीयन निर्धारित अवधि में जमा न होने पर ठेका निरस्त की कार्यवाही की जावेगी।
21. उपरोक्त शर्तों की पूर्ति की जिम्मेदारी निकाय के मुख्य नगर पालिका अधिकारी, नगर पालिका/नगर परिषद की होगी।
22. MP Municipalities (Accounts & Finance) नियम 2018 के नियम 237 के प्रावधान अनुसार सक्षम प्रशासकीय स्वीकृति प्राप्त की जावे।
23. MP Municipalities (Accounts & Finance) नियम 2018 के नियम 217 के अनुसार अर्बेटर मनी एवं प्रतिभूति राशि स्वयं की अनुमानित लागत या सामग्री या माल के अनुमानित मूल्य की जमा कराई जावे।
24. MP Municipalities (Accounts & Finance) नियम 2018 के नियम 91, 92 एवं 93 के प्रावधानों के अनुसार निविदा अनुबंधित की जावेगी।
25. मौके की स्थिति अनुसार यदि किसी प्रकार का परिवर्तन आवश्यक प्रतीत होता है तो निर्माण के पूर्व नियमानुसार सक्षम स्वीकृति प्राप्त की जावे।
26. निर्माण कार्य स्वयं के अधिपत्य की भूमि में किया जावे। अन्य किसी विभाग की भूमि होने पर संबंधित विभाग की एक ओ.सी. प्राप्त कर कार्य करें।
27. स्थल पर वास्तविक रूप से सम्पन्न कार्यों का ही भुगतान किया जावे।
28. निर्माण के दौरान खुदाई में प्राप्त सामग्री का अधिकतम उपयोग किया जावे एवं स्थल पर वास्तविक रूप से सम्पन्न कार्यों का ही भुगतान किया जावे।
29. कार्य टुकड़ों में/विभाजित होने की स्थिति में इसका दायित्व मुख्य नगर पालिका अधिकारी का होगा तथा उक्त स्थिति में प्रत्येक की तत्कालीन स्वीकृति स्वतः निरस्त मानी जावेगी।
30. निर्माण कार्य स्वयं के स्वामित्व/अधिपत्य की भूमि में किया जावे, अवैध कालोनी में निर्माण कार्य किये जाने अथवा सक्षम की सुविधा करने की दशा में जारी तकनीकी स्वीकृति स्वतः निरस्त मानी जावेगी। अन्य किसी विभाग की भूमि होने पर संबंधित विभाग की एक ओ.सी. अथवा भूमि स्थानान्तरण करवाये जाने के पश्चात ही निर्माण कार्य कारायें जावे। शर्तों का पालन नहीं करने की दशा में सम्पन्न उत्तरदायित्व मुख्य नगर पालिका अधिकारी का होगा।
31. निकाय द्वारा पूर्व में करायें गये कार्य का अंतिम मूल्यांकन करवाये बिना तवीन कार्य लिये जाने की दशा में अथवा निर्धारित लिमिटेशन औसत अवधि पूर्ण हुए बिना यदि पुनः तवीन/रिन्यूवल कार्य के रूप में कार्य लिए जाने पर किसी भी प्रकार की वित्तीय क्षति होने पर सम्पन्न उत्तरदायित्व मुख्य नगर पालिका अधिकारी का होगा।
32. निविदा आमंत्रण के पूर्व सक्षम प्रशासकीय स्वीकृति एवं वित्तीय स्वीकृति प्राप्त की जाना अनिवार्य होगा। अन्यथा प्रवास की शर्त तकनीकी स्वीकृति निरस्त मानी जावेगी।
33. Non SOR Item का अनुमोदन निविदा जारी करने के पूर्व इस कार्यालय से किया जाना सुनिश्चित करें
34. निर्माण कार्य के दौरान म.प्र. भूमि विकास नियम-2012 में व्यवसायिक पतिविधियों हेतु निर्दिष्ट FAR एवं NOS एवं सक्षम का पालन सुनिश्चित किया जावे।

संलग्न- प्राक्कलन।

  
कार्यपालक संचालक  
नगरीय प्रशासन एवं विकास  
भोपाल संभाग, भोपाल



# OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.

## DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

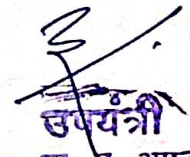
Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

### Cost estimation for rain water Drain culvert

S.No.	Reference	PARTICULARS	No.	L	W	H	Qty.	UNIT	RATE	AMOUNT
1	UADD SOR Vol II Clause No.2.1 Pg. no.17	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15cm deep and disposal of rubbish, lead up to 50 m and lift upto 1.5 m.								
	2.1.1	All kind of soil	2	22.50	8.40	-	378.00	100 Sq.m	1003	3791.3
2	UADD SOR Vol. II Item No. 2.6.2 Pg. no. 17	Earth work in excavation for foundation, trenches for pipes / cables or drains etc. by mechanical means / manual means (exceeding 30cm in depth.) including ramming of								
		ABUDEMENT	2	22.50	2.8	0.8	100.80	CUM	151.00	15220.80
		ABUDEMENT	2	22.50	2.8	1.2	151.20	CUM	261.00	39463.20
3	UADD SOR Vol. II Item No. 2.16 Pg. no. 19	Filling by available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.								
	2.18.1	(As per plan)	2 NO	-	-	-	2.1	CUM	89	186.9
4	UADD SOR Vol. II Item No. 4.1 Pg.	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work upto plinth level.								
	4.1.4	Cement concrete grade M-10 (Nominal Mix) with 20 mm maximum size of stone aggregate								
		ABUDMENT PCC	2	22.50	2.8	0.10	12.60	CUM	4219.00	53159.40
		BOTTOM SLAB BASE	1	22.00	3.0	0.10	6.60	CUM	4219.00	27845.40
	UADD SOR Vol. II Item No. 5.2.1Pg. no. 49	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level and up to floor two level excluding cost of centering, shuttering and reinforcement etc.								

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सहकारणी  
कमर गाविका परिषद  
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# OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.

## DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

### Cost estimation for rain water Drain culvert

S.No.	Reference	PARTICULARS	No.	L	W	Ht.	Qty.	UNIT	RATE	AMOUNT
5		ABUDMENT TOE LEVEL-1	2	22.50	2.6	0.6	70.20	CUM		
		ABUDMENT LEVEL-2	2	22.50	2.4	1.5	162.00	CUM		
		ABUDMENT LEVEL-3.1	2	22.50	0.8	6.1	219.60	CUM		
		ABUDMENT LEVEL-3.2	2	22.50	0.5 X 1.60 X 6.10=4.88		219.60	CUM		
		ABUDMENT CAP	2	22.50	0.8	0.4	14.40	CUM		
		BOTTOM SLAB	1	22.50	3.0	0.2	13.50	CUM		
							699.30	CUM	5656.00	3955240.80
	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor two level excluding the cost of centering, shuttering and reinforcement with Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.								
		TOP SLAB	1	3.00	5	0.2	3.00	CUM	5932	17796
		WHEEL GUARD	2	5.00	0.2	0.5	1.00	CUM	5932	5932
6	UADD SOR Vol. II Item No. 5.11.4 Pg. no. 47	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc. complete.								
		Thermo-Mechanically Treated bars. (Fe 500 D or more)	702.30	80.00	Kg/ cum	-	56184.00	Kg/ cum	58.00	3258672.00

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# OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.

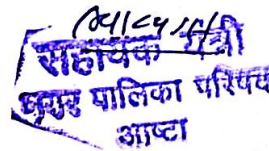
## DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

### Cost estimation for rain water Drain culvert

S.No.	Reference	PARTICULARS	No.	L	W	Ht.	Qty.	UNIT	RATE	AMOUNT
7	UADD SOR Vol.II Clause No.19.1.1 Pg. no. 208	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for : Foundations, footings, bases of columns, etc.								
	19.1.1	Foundations, footings, bases of columns, etc. For mass concrete.								
		ABUDMENT TOE LEVEL-1	4	2.60	-	0.6	6.24			
			4	22.50		0.6	54.00			
		ABUDMENT LEVEL-2	4	2.40		1.5	14.40			
			4	22.50		1.5	135.00			
		ABUTMENT LEVEL-3.1	4	0.80		6.1	19.52			
			2	22.50		6.1	274.50			
		ABUTMENT LEVEL-3.2	4		4.88		19.52			
			2	22.50		6.10	274.50			
		ABUDMENT CAP								
			4	22.50		0.4	36.00			
			4	0.80		0.4	1.28			
		WHEEL GUARD SLAB	2	5.00		0.5	5.00			
							839.96	SQM	160	134393.60
	19.1.3	Suspended floors, roofs, landings, balconies and access platform.								
		TOP SLAB BOTTOM	1	5.00	3		15.00			
		TOP SLAB SIDES	2	5.00		0.3	1.50			
			2	3.00		0.3	0.90			
							17.40	SQM	305	5307.00
<b>GRAND TOTAL</b>										<b>7517008.44</b>
Add 18% GST										<b>1353061.519</b>
<b>Grand Total</b>										<b>8870069.96</b>
<b>In Lakhs</b>										<b>88.70</b>

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 सहायक मंत्री  
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 सपर्यंत्री  
 न. प. म. आष्टा

**viJayraj**

PREPARED BY : VIJAYRAJ AND ASSOCIATES

OFFICE OF MUNICIPAL COUNCIL A

DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

Rates are to be adopted by S. O. R. U.D.A. D. 2022.

Cost Estimation of Solar Light

S.NO.	Reference	Description	Qty	Rate	Unit	Amount
1	Vol. IV - Pg. N. 94 - 18.1	Porviding, erecting, testing and commissioning solar street light system on 80 mm heavy duty galvanised ironpipe 6 meter high with 30cmx30cmx2mm base plate installed own cement concrete padestal casing complete withsolar panel,solar battery withch arger,other accessories with control panel in weather proof pole box,solar fitting LED type or CFLtype 18watt to20 watt(set of 2 nos.)	25	30748	Each	768700
<b>Total Cost</b>						768700
<b>ADD 18 % GST</b>						138366
<b>GRAND TOTAL</b>						907066
<b>IN LAKHS</b>						9.07

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**OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.**

**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM**

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

**COST ESTIMATE FOR BOUNDARY WALL**

S. No	Reference	Items	No	L	W	D/H	Qty.	Rate	Unit	Amount
1	Building Work 16.1	Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length in M 20 cement concrete, excluding the cost of steel reinforcement but including the cost of boring, cement concrete, all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap) :								
	16.1.2	250 mm dia piles	87			2.00	174.000			
						<b>Total</b>	<b>174.000</b>	523	meter	91002.00
2	Building Work Pg.No. 46 S.No.5.1	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 :								
	5.1.1	Cement concrete grade M-20 (Nominal Mix)								
		Plinth Beam	1	253.00	0.20	0.30	15.18			
						<b>Total</b>	<b>15.18</b>	5435	Cum	82503.30


  
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**OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.**

**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH  
THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM**

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

**COST ESTIMATE FOR BOUNDARY WALL**

S. No	Reference	Items	No	L	W	D/H	Qty.	Rate	Unit	Amount
3	Building Work Pg.No. 46 S.No.5. 2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.above plinth level and up to floor two level excluding cost of centering, shuttering and reinforcement etc.								
	5.2.1	Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate. (For column above plinth level)								
		Boundary wall Columns(Pile)	83	0.20	0.2	1.8	5.98			
		<b>Total</b>					<b>5.98</b>	5656	cum	33800.26

  
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Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

**COST ESTIMATE FOR BOUNDARY WALL**

S. No	Reference	Items	No	L	W	D/H	Qty.	Rate	Unit	Amount
4	Building Work Pg.No. 47 S.No.5. 11	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc. complete.								
	5.11.4	Thermo-Mechanically Treated bars. (Fe 500 D or more) (80 Kg/Cum)	21.156		80.00		1692.48			
							1692.48	58	Kg	98163.84
	19.1	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or ply wood shuttering for :								
	19.1.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.								
		Plinth Beam	2	253.00		0.30	151.80			
		Top Coping Sides	2	253.00		0.10	50.60			
							202.400	270	sqm	54648.00
	19.1.6	Columns, Pillars, Piers, Abutments, Posts and Struts.								

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**OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.**

**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM**

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

**COST ESTIMATE FOR BOUNDARY WALL**

S. No	Reference	Items	No	L	W	D/H	Qty.	Rate	Unit	Amount
		Above Plinth Column 2(0.20+0.20)	348		0.20	1.7	118.32	362	sqm	42831.84
5	Building Work Pg.No. 46 S.No.5. 21	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.above plinth level and up to floor two level excluding cost of centering, shuttering and reinforcement etc. Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate. (For wall above plinth level)								
		Top Coping	1	253.00	0.20	0.10	5.06			
		Columns	87	0.20	0.20	1.70	5.92			
		Total					<b>10.976</b>	5656	Cum	62080.26

  
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**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM**

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

**COST ESTIMATE FOR BOUNDARY WALL**

S. No	Reference	Items	No	L	W	D/H	Qty.	Rate	Unit	Amount
6	Building Work Pg.No. 47 S.No.5. 11	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc. complete								
	5.11.4	Thermo-Mechanically Treated bars. (Fe 500 D or more) (80 Kg/Cum)	10.976		80.00		878.08	58	Kg	50928.64
	6.8	Brick work will well burnt open bhatta bricks crushing strength not less than 25kg/cm <sup>2</sup> and water absorption not more than 20% in foundation and plinth In cm 1:6.								
		Boundary wall	1.000	253.00	0.20	0.90	45.54			
		Deduct Column	87.000	0.20	0.20	0.90	3.13			
		Total					42.41	3868	cum	164034.14
7	Building Work Pg.No. 160	15 mm cement plaster on rough side of single or half brick wall of mix								
	13.2.2	1:6 (1 cement: 6 sand)								
		plaster both side	2	253.00		0.90	455.40			
		top of beam	1	253.00		0.20	48.80			
							488.00	159	sqm	77592.00



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OFFICE OF MUNICIPAL COUNCIL ASHTA, M.

DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

COST ESTIMATE FOR BOUNDARY WALL

S. No	Reference	Items	No	L	W	D/H	Qty.	Rate	Unit	Amount
8	Building Work Pg.No. 163 S.No.1 3.39	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two or more coats on new work								
							455.40	58	Sqm	26413.20
										Grand Total 783997.48
										Add 18 % GST 141119.55
										Total Amount 925117.02

मुख्य नगर पालिका अधिकारी  
नगर पालिका परिषद  
आष्य जिला सीहोर (म.प्र.)

(आ/7/11)  
सहायक यंत्री  
नगर पालिका परिषद  
आष्य

उपयंत्री  
न. पाल. प. आष्य

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## OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.

### DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM


Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

#### COST ESTIMATE FOR NEW ROAD

S. No	SOR ITEM NO.	PARTICULARS OF ITEMS	Nos	L	B	H	Quantity	Total Qty	Unit	Rate	Amount
1	3.3	Excavation for roadwork in soil with hydraulic excavator including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location with all lifts and lead upto 1000m as per relevant clauses of section-300 of specification.									
	2.6	All kinds of soil									
		NEW ROAD	1	78	15	0.5	585.00				
							TOTAL	585.00	585.00	Cum	65.0
											38025.0
2	3.12	Construction of Embankment/Sub grade/ earth shoulders, as per clause 305 & its sub-clauses, Where required but with approved materials/soil like morrum CBR value not less then 7% i/c all lead & lifts i/c excavation, cost of watering, compaction by vibratory roller/ heavy pneumatic type roller and maintenance of surface during construction to ensure shedding & preventing ponding of water (clause 305.3.6) shaping & dressing (clause 305.3.7), finishing etc. complete but excluding scarifying existing granular/bituminous road surface vide clause 305.6.									
		NEW ROAD	1	78	15.00	0.15	175.50				
							TOTAL	175.50	175.50	Cum	410
											71955.00

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## OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.


### DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

#### COST ESTIMATE FOR NEW ROAD

S. No	SOR ITEM NO.	PARTICULARS OF ITEMS	Nos	L	B	H	Quantity	Total Qty	Unit	Rate	Amount
3	4.1	Construction of granular sub-base by providing Coarse graded material (CBR>30), spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method at OMC and compacting with vibratory roller of 80-100 KN Static weight to achieve the desired density, complete in all respect as per relevant clauses of section-400.									
		NEW ROAD	1	78	15	0.15	175.50				
						TOTAL	175.50	175.50	Cum	689.00	120919.5
4	4.4	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density and as per relevant clauses of section-406 of the specifications.									
		NEW ROAD	1	78	15	0.2	234.00				
						TOTAL	234.00	234.00	CUM	1441.00	337194.0

Not Allowed with G.S.B

  
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# OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.

## DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

### COST ESTIMATE FOR NEW ROAD

S. No	SOR ITEM NO.	PARTICULARS OF ITEMS	Nos	L	B	H	Quantity	Total Qty	Unit	Rate	Amount
5	6.1	Construction of Dry lean cement concrete Sub-base over a prepared sub grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 26.5mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per MORTH Specifications Table 600-1,									
		NEW ROAD	1	78	15	0.1	117.00				
		TOTAL					117.00	117.00	Cum	3017	352989
6	6.1.2	Deduct from Item No.6.1 above if static roller is used in place of vibratory roller					117.00	117.00	cum	-302	-35334
7	6.2	Construction of dowel jointed, plain cement concrete pavement in M-30 grade concrete over a prepared sub base with 43 or higher grade cement, coarse and fine aggregate conforming to IS:383 maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design,									
		NEW ROAD	1	78	15	0.15	175.50				
		TOTAL					175.50				130642250
		Sub Total of PCC					175.50		Cum	5,583.00	979817

  
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# OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.


## DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

### COST ESTIMATE FOR NEW ROAD

S. No	SOR ITEM NO.	PARTICULARS OF ITEMS	Nos	L	B	H	Quantity	Total Qty	Unit	Rate	Amount
8	6.7	Deduct from Item No.6.2, 6.3 and 6.6 above if paver with electronic sensor is not used and laying, compaction is done by any other method (Note :- The acceptance criteria regarding level, thickness, surface regularity, texture finish, strength of concrete and all other quality control measures shall be the same as in case of machine laid work.) This item is to be executed with Prior written permission of Engineer-in-charge									
<b>Sub Total of PCC</b>							175.50		Cum	-391.00	-68621
9	8.2	Painting lines, dashes, arrows etc on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control as per Section 800 of the specifications and IRC:67 including cost of paint etc. complete.									
8.18.1		Over 10 cm in width	15	3.5	6	315	315	315.00	Sqm	155.00	48825
			52	1.2	2	##	124.8	124.80	Sqm	155.00	19344
										1785903 = 50	
<b>Grand Total</b>											<b>-1865113.50</b>
<b>Add 18 % GST</b>											<b>-335720.43</b>
<b>Total Amount</b>											<b>2200833.93</b>
<b>IN LAKHS</b>											<b>22.01</b>

  
**मुख्य नगरपालिका अधिकारी**  
**नगरपालिका परिषद्**  
**आष्टा जिला सीहोर (म.प्र.)**

  
**सहायक नगरपालिका परिषद्**  
**आष्टा**

**सिपयंत्रि**  
**न. पा. प. आष्टा**

**Vijayraj**

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## OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.

### DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

#### Cost Estimation of Stone Pitching

S.no	Reference	Description of Item	No.	L	B	D/H	Qty	Unit	Rate (Rs)	Amount (Rs)
<b>Excavation</b>										
1	UADD SOR Vol.II Clause No.2.1	Surface dressing of the ground including removing vegetation and in- equalities not exceeding 15cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m.								
	2.1.1	All kind of soil	1	453.0	7	-	3171.0	100	1003	31805.1
2	UADD SOR Vol.I Clause No.18.2 Pg. no.227	Earth work in excavation for foundation, trenches for pipes / cables or drains etc. by mechanical means / manual means (exceeding 30cm in depth.) including ramming of bottom, dressing of sides, disposal of excavated earth including of all lift and lead upto 50m. Disposed earth to be levelled and neatly dressed.								
	2.6.1	All kinds of ordinary soil	1	453.0	0.5x5x5.22=13.05		5911.65	Cum	151	892659
	2.6.2	For Toe Beam	1	453	0.4	2.0	362.4	Cum	261	94586
3	UADD SOR Vol.III Clause No.15.5 Pg. no.	Providing and laying Pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per drawing and Technical specifications and as per								
	a)	Stone/Boulder (min. wt. - 40 Kg)	1.00	453.00	9.70	0.30	1318.2	Cum	1983	2614050
4	UADD SOR Vol.II Clause No.2.16 Pg. no.19	Filling by available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up								
		Available excavated earth (As per drawing )					785.00	Cum	89	69865
		Available excavated earth in pathway (As per drawing )					2328.00	Cum	89	207192
5	UADD SOR Vol.II Clause No.2.18 Pg. no.19	Supplying and filling in plinth underfloors including, watering, ramming consolidating and dressing complete.								
	2.18.1	Moorum/Hard copra								
		Pathway	1	453	3	0.2	271.8			
							Total		478	129920

 **ViJaya**

PREPARED BY: VIJA YRAJ AND ASSOCIATES

  
उपयंत्री  
न. पा. प. आष्टा

## OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.

### DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH


Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

#### Cost Estimation of Stone Pitching

S.no	Reference	Description of Item	No.	L	B	D/II	Qty	Unit	Rate (Rs)	Amount (Rs)
5	UADD SOR Vol.II Clause No.4.1 Pg. no.32	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering All work up to plinth level.								
	4.1.4	Cement concrete grade M-10 (Nominal Mix) with 20 mm maximum size of stone aggregate								
	4.1.4	For Toe Beam	1	453.000	0.400	0.100	18.1	Cum	4219	76448
		Deduction for pile(as per Drawing)								
	4.1.4	Top Beam	1	453.000	0.200	0.100	9.1	Cum	4219	38224
6	UADD SOR Vol. II Item No. 5.21 Pg. no. 49	Providing and laying in position machine batched and machine mixed and machine vibrated design mix cement concrete of M-25 grade mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using								
	5.22.2	Extra for richer mixes at all floor								
	5.22.2	For Toe Beam	1	453.00	0.40	0.60	108.7			
		For Top Beam	1	453.00	0.20	0.30	27.2			
					Total	135.9	Cum	5613	762807	
7	UADD SOR Vol.II Clause No.19.1	Centering and shuttering including strutting, propping stretching etc. complete for and removal of form work by sheet plate or plywood shuttering for								
	19.1.1	Foundations, footings, bases of								
		Toe Beam	2	453.00	0.60		543.6	Sq.m	160	86976
		Top Beam	2	453.00	0.30		271.8	Sq.m	160	43488
8	UADD SOR Vol.I Clause No.18.23 Pg. no. 231	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc. complete.								
	18.23.4	Thermo-Mechanically Treated bars.(as per Drawing specifications)	1085.9	80	Kg/Cum		86872.0	KG	58	5038576

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**OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.**

**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH**

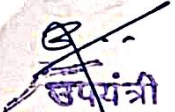
Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

**Cost Estimation of Stone Pitching**

S.no	Reference	Description of Item	No.	L	B	D/H	Qty	Unit	Rate (Rs)	Amount (Rs)
9	UADD SOR Vol. II Item No. 16.1 Pg. no. 183	Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length in M 20 cement concrete, excluding the cost of steel reinforcement but including the cost of boring, cement concrete, all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap) :								
	16.1.3	400 mm dia piles	146	-	-	1.7	248.20	meter	1202.00	298336.40
10	Road & Bridges Pg.29 Sl.no.4. 2	Crusher Run Macadam - Providing & laying crushed stone aggregate, on a prepared surface , spreading and mixing with a motor grader, watering and compacting with a vibratory roller as per clause 407 of the specifications. For 37.5 mm maximum size								
		For Kerbstone	1	453.00	0.15	0.10	6.795			
		Overall Pathways	1	453.00	3.00	0.15	203.850			
							<b>210.65</b>	Cum	1249	263095.61
11	Buildin gs Pg.136 Sl.no.11 .43	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine ith strong vibratory compaction and of approved size and design/shape laid in required colour and pattern over and including 50 mm thick compacted bed of stone dust sand, filling the joints with coarse sand etc. all complete as per the direction of Engineer-in-charge.								
		Overall Pathways	1	453	3.00		1359.00			

**Vijayraj**

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**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH**

Rates are to be adopted by S. O. R. U.D.A. D. 2022 & 2025

**Cost Estimation of Stone Pitching**

S.no	Reference	Description of Item	No.	L	B	D/H	Qty	Unit	Rate (Rs)	Amount (Rs)
							1359.00	sqm	612	831708.00
12	Road and bridge Pg.No. 57 Sl.no.8. 2	Providing and laying at or near groundlevel Pre-cast kerbstone of M-25 grade in position to the required line, level and curvature jointed with cement mortar 1:3 (Cement: 3coarse and) thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete as per direction of Engineer-in-charge.								
			1	453.00	0.10	0.30	13.59	Cum	5509	74867.31
13	Buildings Pg.69 Sl.no.7. 33	Providing and fixing stone jali 40mm thick in cement mortar 1:3(Cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1 white cement : 2 Marble dust) with an admixture of pigment, matching the stone shade, jali slab without any chamfers etc.								
	7.33.1	Red sand stone:	1	453	-	1.3	588.9	SQM	5003	2946266.70
14	UADD SOR Vol.I Clause No.11.7 Pg. no. 98	Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing. (if needed the good earth shall be paid separately).	1	453	9.7		4394.1	sqm	84	369104
<b>TOTAL</b>										11554604.61
<b>Add 18% GST</b>										2079828.83
<b>Grand Total</b>										13634433.43
<b>In Lakhs</b>										136.34

मुख्य नगर प्रालिका अधिकारी  
नगर पालिका परिषद,  
आष्टा जिला सीडर (म.प्र.)

**viJayraj**

PREPARED BY: VIJA YRAJ AND ASSOCIATES

सहायक यंत्री  
नगर पालिका परिषद  
आष्टा

सपात्री  
न. पू. आष्टा

**OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.**

**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM**


Rates are to be adopted by S. O. R. U.D.A. D. 2022.

**Cost Estimation of PATHWAY on Ghat Development**

S.No.	Reference	Description of Item	L	B	D	Quantity	Rate		Amount
1	Building Work Pg.No.1 7 S.No.2. 6.1	Earth work in excavation for foundation, trenches for pipes/cables or drains etc. by mechanical means/manual means (exceeding 30cm in depth) including ramming of bottom, dressing of sides, disposal of excavated earth including of all lift and lead upto 50m. disposed earth to be levelled and neatly dressed							
		For Kerbstone	1	453.00	0.15	0.30	20.385		
		Overall Pathways	1	453.00	3.00	0.30	407.700		
						428.09	151.00	Cum	64640.835
2	Road & Bridges Pg.29 Sl.no.4. 2	Crusher Run Macadam Providing & laying crushed stone aggregate, on a prepared surface, spreading and mixing with a motor grader, watering and compacting with a vibratory roller as per clause 407 of the specifications. For 37.5 mm maximum size							
		For Kerbstone	2	453.00	0.15	0.100	13.590		
		Overall Pathways	1	453.00	3.00	0.150	203.850		
						217.44	1249.00	Cum	271582.560

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 सहायक यंत्री  
 नगर पालिका परिषद न. पर. म. अशता  
 आशता

**OFFICE OF MUNICIPAL COUNCIL ASHTA, M.P.**

**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM**

Rates are to be adopted by S. O. R. U.D.A. D. 2022.

**Cost Estimation of PATHWAY on Ghat Development**

S.No.	Reference	Description of Item		L	B	D	Quantity	Rate		Amount
3	Buildings Pg.136 Sl.no.11.43	Providing and laying 60 mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction and of approved size and design/shape laid in required colour and pattern over and including 50 mm thick compacted bed of stone dust sand, filling the joints with coarse sand etc. all complete as per the direction of Engineer-in-charge.								
		Overall Pathways	1	453.00	3.00		1359.00			
							1359.00	612.00	Sqm	831708.000
4	Road and bridge Pg.No.57 Sl.no.8.2	Providing and laying at or near groundlevel Pre-cast kerbstone of M-25 grade in position to the required line, level and curvature jointed with cement mortar 1:3 (Cement: 3coarses and) thickness of joints except at sharp curve shall not to more than 5mm) including making drainage opening wherever required complete as per direction of Engineer-in-charge.								
			1	105.00	0.10	0.30	3.15	5509.00	cum	17353.350

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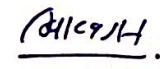
**DETAILED COST ESTIMATION OF CONSERVATION AND BEAUTIFICATION WORK OF BOTH THE BANKS OF PARVATI RIVER UP STREAM AND DOWNSTREAM**

Rates are to be adopted by S. O. R. U.D.A. D. 2022.

**Cost Estimation of PATHWAY on Ghat Development**

S.N o.	Reference	Description of Item		L	B	D	Quantity	Rate		Amount
5	Buildings Pg.69 Sl.no.7.3 3	Providing and fixing stone jali 40mm thick in cement mortar 1:3(1cement : 3 coarse sand) including pointing in white cement mortar 1:2 (1white cement : 2 Marble dust) with an admixture of pigment, matching the stone shade, jali slab without any chamfers etc.								
	7.33.1	Red sand stone:	1	105	-	1.3	136.5	5003	SQM	682909.500
<b>Total Rs.</b>										<b>1868194.245</b>
<b>18% GST</b>										<b>336274.9641</b>
<b>GRAND TOTAL</b>										<b>2204469.209</b>

  
मुख्य नगर पालिका अधिकारी  
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आषट्ट जिला सीहोर (म.प्र.)

  
सहायक यंत्री  
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