



शेवोत्तम प्रमाणित



पत्रांक 208 / M-10 / 16

दिनांक 04/02/2023

ई-निविदा शुद्धि पत्र

वृत्त कार्यालय के ई-निविदा सूचना संख्या-52/एम-10/03 दिनांक 12.01.2023 द्वारा भूमि विकास, गृहस्थान एवं बाजार योजना (ग्रीन फील्ड टाउनशिप) अयोध्या के ग्राम शाहनेवाजपुर मांझा की भूमि में अवस्थापना विकास कार्य हेतु ई0पी0सी0 मोड पर ई-निविदा दिनांक 10.02.2023 को सायं 03:00 बजे आमंत्रित की गयी थी। इस निविदा की शर्तों में निम्नानुसार संशोधन किया जाता है-

S. N.	Reference clause	As per Tender Document	Being amended as
1.	Volume I, page 3, name of work	Name of Work: - Engineering, Procurement, Design, Construction and Maintenance for Six (06) Years (including Defect Liability Period) of Green Field Land Development Project "Bhumi Vikas Grihsthan Evam Bazar Yojna Ayodhya-Village Shahanwajpur Manjha land" on EPC basis. The integrated development i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System (33/11 Kv Sub Station), Connection arrangements of these service networks to individual property, Boundary demarcation of assets, public spaces (Parks, Green belts and toilet) related works, and Signage work i.e. of the land is to be done to create a sustainable habitat i.e. township Ready for sustainable habitation.	<p>Name of Work: - Engineering, Procurement, Design, Construction and Maintenance for Six (06) Years (including Defect Liability Period) of Green Field Land Development Project "Bhumi Vikas Grihsthan Evam Bazar Yojana Ayodhya-Village Shahanwajpur Manjha land" on EPC basis.</p> <p>The integrated development i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System, 33/11 Kv Sub Station, Connection arrangements of these service networks to individual property, Boundary demarcation of assets, public spaces (Parks, Green belts and toilet, blue and green infrastructure related works), and Signage work i.e., of the land is to be done to create a sustainable habitat i.e. township Ready for sustainable habitation.</p> <p>This RFP is for detailed design and Detailed Project Report (concept design shall be provided by UPAVP), construction and maintenance of services, i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System, 33/11 KV Sub Station, Connection arrangements of these service networks, including defect liability period for 6 years for approximately 201.74 acres.</p> <p>The above shall be applicable/substituted wherever, the name and description of work is mentioned. The same is also applicable to the BOQ and rate quotation form.</p>
2.	Volume I, Page 7, Pre-qualification conditions	d. The tenderer should have satisfactorily completed minimum one jobs of the similar nature (Integrated Development of green field Township having Road network, Sewerage	d. The tenderer should have satisfactorily completed minimum one jobs of the similar nature of work not less than 80% of Bid value or two similar works, each costing not less than 50% of

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		Network, Water supply network etc, Excluding Maintenance cost) of work not less than 80% of Bid value or two similar works, each costing not less than 50% of bid value or three similar works, each costing not less than 40% bid value during last seven (07) years. Experience Certificate of executed work shall have to be uploaded in Vol 1: Prequalification BID. The experience certificate for this purpose shall have to be issued from the office in charge of the concerned department not below the rank of Executive Engineer.	<p>bid value or</p> <p>three similar works, each costing not less than 40% bid value during last seven (07) years.</p> <p>Experience Certificate of executed work shall have to be uploaded in Vol 1: Prequalification BID. The experience certificate for this purpose shall have to be issued from the office in charge of the concerned department not below the rank of Executive Engineer.</p> <p>Similar nature of work is defined as: Design, construction, and maintenance of services for:</p> <ul style="list-style-type: none"> • Road network including pedestrian, non-Motorized transport facilities • Multiutility ducts (service ducts) • Water supply network, • Storm water drainage networks and culverts • Sewerage and Sewer treatment plant • Blue and Green Infrastructure (BGI) – BGI integrating hydrological and ecological water treatment within designs, where green features were seamlessly integrated with blue features. (Canal / water retention ponds / reservoirs / channels / Ghat and Green areas / green belts / garden zones / parks / open spaces / open gym / landscaping). In the concept drawing it is shown as channel reservoirs and parks. • Electrical infrastructure work
3.	Volume I, Page 7, Pre-qualification conditions	c. Turn Over: - The average annual financial turnover of the tenderer during the last five financial years (2017-18, 2018-19, 2019-20, 2020-21, 2021-22) of executed works shall not be less than 30% of the bid value. The relevant document should be duly certified by chartered accountant. The Bidder shall have to upload the photocopy of supporting Documents in Volume 1: Prequalification BID	c. Turn Over: - The average annual financial turnover of the tenderer during the last three financial years (2019-20, 2020-21, 2021-22) of executed works shall not be less than 50% of the bid value. The relevant document should be duly certified by chartered accountant. The Bidder shall have to upload the photocopy of supporting Documents in Volume 1: Prequalification BID
4.	Volume I, Page 7, Pre-qualification conditions	J. FINANCIAL CAPABILITY	<p>Addition to the clause:</p> <p>IV. Available Bid Capacity: Available bid capacity = (M x A x N) - B. Available bid capacity should be ≥ Estimated project cost.</p> <p>A = Maximum value of engineering (Civil/ Electrical/ Mechanical as relevant to work being procured) works executed in any one year during the last five years ending on 31.03.2022, (the value of the completed work shall be brought to the current costing level by enhancing at a simple rate of @ 7% per annum), taking into account the completed as</p>

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			<p>well as works in progress.</p> <p>M = Multiplier Factor i.e., 2 N = Number of years prescribed for completion of the work in question. B = Value (updated at the current price level) of the existing commitments and ongoing works to be completed</p> <p>The bidder has to submit the details of the ongoing works / commitments in the following format</p> <table><tr><th>S.N</th><th>Project name</th><th>Date of Start of project</th><th>Project Duration</th><th>Project Cost</th><th>Cost balance as on bid due date</th></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	S.N	Project name	Date of Start of project	Project Duration	Project Cost	Cost balance as on bid due date																																										
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5.	Volume 1, Section 3, 3.PRE-QUALIFYING CONDITION S, Page number 7	3.PRE-QUALIFYING CONDITIONS: - Following shall be prequalifying conditions for this tender. Photo Copies of These documents are required to be submitted (Uploaded) as Volume -1: Prequalification	<p>Evaluation under the above (a) to (s) shall be done through following arithmetical matrix:</p> <table><tr><th>S.N.</th><th>PRE-QUALIFYING CONDITIONS</th><th>Max marks for provision</th><th>Marking criteria</th></tr><tr><td>a.</td><td>EPF registration</td><td>Mandatory</td><td>-</td></tr><tr><td>b.</td><td>EMD and bid processing fee</td><td>Mandatory</td><td>-</td></tr><tr><td>c.</td><td>Turnover</td><td>20</td><td>20 marks if turnover is $\geq 100\%$ 15 marks if turnover is $\geq 75\%$ 10 marks if turnover is $\geq 50\%$</td></tr><tr><td>d.</td><td>Similar works w.r.t. Bid value</td><td>30</td><td>30 – if work value is $\geq 80\%$ of the bid value each 15 – if work value is $\geq 50\%$ of the bid value each</td></tr></table>	S.N.	PRE-QUALIFYING CONDITIONS	Max marks for provision	Marking criteria	a.	EPF registration	Mandatory	-	b.	EMD and bid processing fee	Mandatory	-	c.	Turnover	20	20 marks if turnover is $\geq 100\%$ 15 marks if turnover is $\geq 75\%$ 10 marks if turnover is $\geq 50\%$	d.	Similar works w.r.t. Bid value	30	30 – if work value is $\geq 80\%$ of the bid value each 15 – if work value is $\geq 50\%$ of the bid value each																												
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				10 – if work value is $\geq 40\%$ of the bid value each 0 – if work value is $< 40\%$ of the bid value each
			e.	Electrical licence Mandatory -
			f.	GSTN Mandatory -
			g.	PAN Mandatory -
			h.	Labour department registration Mandatory -
			i.	JV Not applicable -
			j.	Financial capability
			J(i)	DM Solvency (if applicable) Mandatory (applicable for individual / partnership firms/ entity)
			J(ii)	Bank Credit Capacity 15 15 – if $\geq 10\%$ of the bid value 10 – if $\geq 8\%$ of the bid value 0 – if $< 8\%$ of the bid value
			J(iii)	Income Tax return 2 0 – if not furnished 2 – if furnished
			J(iv)	Bid Capacity 15 15 – if bid capacity is $\geq 150\%$ the bid value 10 – if bid capacity is $\geq 100\%$ of the bid value 0 – if bid capacity is $< 100\%$ of the bid value
			k.	Affidavit T&P 5 0 – if not furnished 5 – if furnished
			l.	Affidavit Technical Staff 8 0 – if not furnished 8 – if furnished
			m.	Work Plan 5 0 – if not furnished 5 – if furnished

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S. N.	Reference clause	As per Tender Document	Being amended as			
			n.	Validity of rates	Mandatory	-
			o.	Character certificate (if applicable)	Mandatory (applicable for individual / partnership firms/ entity)	
			p.	Declaration for fraudulent practices	Mandatory	-
			q.	Affidavit for correctness of the information	Mandatory	-
			r.	Affidavit for not being UPVP personal's employment	Mandatory	-
			s.	Affidavit for not being blacklisted	Mandatory	-
			<p>The qualifying criteria for this bid shall be –</p> <ul style="list-style-type: none"> o All provisions marked mandatory in the table are fulfilled as mentioned in clause 3.PRE-QUALIFYING CONDITIONS, Section 3, Volume 1. o The bidder has to score ≥ 75 marks as defined in table above. <p>Note –</p> <p>The prequalifying condition mentioned in clause 3.PRE-QUALIFYING CONDITIONS, Section 3, Volume 1 shall be nullified, however the Description / details of the prequalification conditions shall remain same as mentioned in clause 3.PRE-QUALIFYING CONDITIONS, Section 3, Volume 1 for the conditions mentioned in table above.</p>			
6.	Volume I, Section – 3: INVITATION TO BIDDER / Instruction to bidder, page number 15		<p>The following note shall be added in the end of the section – 3: INVITATION TO BIDDER / Instruction to bidder at page number 15.</p> <p>Note 1 -</p> <p>The bidder has to develop this green field township of 1407 acres in phases. In first phase, the land of village Shahanwajpur Manjha and Barehata Manjha (i.e., total area 668 acres) shall be developed. However, this bid is being floated for development works for village Shahanwajpur Manjha land area 201.74 acres, which is currently under possession of UPVP.</p> <p>Maximum variation in the area under development shall not be more than 25% of the area considered in this bid and no price escalation in rates shall be admissible for and on account of increase of this additional area.</p>			

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			<p>The area under development in this bid may be reduced based on site conditions and no claim shall be entertained on account of reduction in this area.</p> <p>Note 2 – Regarding site visit and collecting local information, Sri P.K. Singh, S.E. (Mob-8795810173), Sri O.P Pandey, E.E. (Mob – 8795810169), and Sri Ajeet Kumar Maurya A.E. (Mob-8795810347) can be contacted.</p> <p>Note 3 – Bidders are advised to take a note that any of the work / service mentioned in the Abstract of work (Scope of work) can have multiple sites within the township area i.e., within 1407 acre as shown in landuse plan. These sites may / may not be in continuity. No claim of any type / kind shall be entertained in this account.</p> <p>Note 4 – Details of site laboratory and testing of materials is provided in annexure (Annexure : Establishing site Laboratory and testing of materials)</p>																												
7.	Volume I, Page 69, Annexure 1A - Prequalification Criteria Technical Staff	<table><tr><th colspan="2">TECHNICAL STAFF:</th><th>SUPERVISORY</th></tr><tr><th>S. N.</th><th>Categor ies</th><th>Technical Staff</th></tr><tr><td>1</td><td>Works more than 5.00 lacs & upto 15.00 lacs</td><td>Diploma Engineer-1</td></tr><tr><td>2</td><td>Works more than 15.00 lacs & upto 100.00 lacs</td><td>Graduate Engineer-1 Diploma Engineer-1</td></tr><tr><td>3</td><td>Works more than 100.00 lacs & upto 500.00 lacs</td><td>Graduate Engineer-2 Diploma Engineer-2</td></tr><tr><td>4</td><td>For every additio nal</td><td>Graduate Engineer-1 Diploma Engineer-2</td></tr></table>	TECHNICAL STAFF:		SUPERVISORY	S. N.	Categor ies	Technical Staff	1	Works more than 5.00 lacs & upto 15.00 lacs	Diploma Engineer-1	2	Works more than 15.00 lacs & upto 100.00 lacs	Graduate Engineer-1 Diploma Engineer-1	3	Works more than 100.00 lacs & upto 500.00 lacs	Graduate Engineer-2 Diploma Engineer-2	4	For every additio nal	Graduate Engineer-1 Diploma Engineer-2	<table><tr><th>Sr. N o.</th><th>Key Personne l</th><th>Numb ers</th><th>Education al Qualificat ion</th><th>Experience in Assignmen ts</th></tr><tr><td>1</td><td>Construct ion cum Project Manager</td><td>1</td><td>Degree in Civil Engineeri ng with post-graduatio n degree in constructi on managem ent / engineeri ng</td><td><p>Minimum 15 years of professiona l experience</p><p>Minimum 10 years' experience in the constructio n of Roads, water, sewerage and utilities,</p><p>Should have been a team leader for road, projects for at least 3 years and should have worked in at least two projects</p></td></tr></table>	Sr. N o.	Key Personne l	Numb ers	Education al Qualificat ion	Experience in Assignmen ts	1	Construct ion cum Project Manager	1	Degree in Civil Engineeri ng with post-graduatio n degree in constructi on managem ent / engineeri ng	<p>Minimum 15 years of professiona l experience</p> <p>Minimum 10 years' experience in the constructio n of Roads, water, sewerage and utilities,</p> <p>Should have been a team leader for road, projects for at least 3 years and should have worked in at least two projects</p>
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1	Construct ion cum Project Manager	1	Degree in Civil Engineeri ng with post-graduatio n degree in constructi on managem ent / engineeri ng	<p>Minimum 15 years of professiona l experience</p> <p>Minimum 10 years' experience in the constructio n of Roads, water, sewerage and utilities,</p> <p>Should have been a team leader for road, projects for at least 3 years and should have worked in at least two projects</p>																											

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S. N.	Reference clause	As per Tender Document			Being amended as				
			500.00 lac work or part thereof					Single project costing INR 50 crores (preferred) OR Two projects costing INR 100 crores.	
		For This Integrated Development work Following shall be required 1. Graduate Engineer (Civil) having Experience In Setting out / Surveying / Fixing of Alignment of Roads 1 Nos 2. Diploma Engineer (Civil) having experience in Setting out / Surveying / Fixing of Alignment of Roads 2 Nos 3. Surveyor ----- 2 Nos 4. Graduate Engineer (Civil) having Experience in Construction of Roads 1 Nos 5. Diploma Engineer (Civil) having experience in Construction of Roads 2 Nos 6. Graduate Engineer (Civil) having experience in Construction of Sewer Network 1 Nos 7. Diploma Engineer (Civil) having experience in Construction of Sewer Network 2 Nos 8. Graduate Engineer (Civil) having experience in Construction of Water Supply Network 1 Nos 9. Diploma Engineer (Civil) having experience in Construction of Water Supply Network 2 Nos 10. Graduate Engineer (Electrical) having experience in Construction of Electricity Supply Network / Sub Station 1 Nos 11. Diploma Engineer (Electrical) having experience in Construction of Electricity Supply Network/ Sub Station 2 Nos 12. Quantity Surveyor and Billing Engineer Graduate 1 Nos Quantity Surveyor and Billing Engineer Diploma 2 Nos			2	Construct ion Quality Control Manager	1	Degree in Civil Engineeri ng	Minimum 10 years of professiona l experience Minimum 5 years' experience in administeri ng Quality Control Programs for civil works civil works primarily road, water supply, sewerage.
					3	Safety Manager	1	Degree in Civil Engineeri ng/ Degree in Equivalen t	Minimum 5 years of constructio n experience. Should have minimum 3 years' experience in constructio n safety works The Safety Manager shall be knowledge able of, and have experience in, the developme nt and application of ISO 9001 and OHSAS standards

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S. N.	Reference clause	As per Tender Document	Being amended as			
						for the construction of civil works.
			4	Electrical Engineer	1	Degree in Electrical Engineering preferably with post-graduation degree
						Minimum 12 years of professional experience.
						Should have minimum 8 years of relevant experience in electrical work, electricity supply work in construction.
			5	Water Supply Expert	1	Degree in Civil Engineering preferably with post-graduation degree
						Minimum 12 years of professional experience. Should have minimum 8 years' of relevant experience water supply
			6	Sewerage Expert	1	Degree in Civil Engineering preferably with post-graduation degree
						Minimum 12 years of professional experience. Should have minimum 8 years of relevant experience in sewerage
			7	Survey Engineer	1	Graduate in Civil Engineering
						Should have minimum 6 years of relevant experience in surveying for the

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							road alignment, RoW.
			8	Billing Engineer	1	Graduate In Civil Engineering	Should have minimum 8 years of relevant experience in billing work for construction of roads, water supply and sewerage.
8.	VOLUME II, Scope of work (abstract of work) Page 13	<p>1.2.5 Design and Construction and maintenance of Services for Six (06) Years (including Defect Liability Period)</p> <p>For the integrated development of this Whole township (Area 1407 acres) all design i.e., schematic, Process, Hydraulic, Crust thickness / crust elements and structural etc. shall have to comply corresponding IS / IRC code / Sewerage Manual /UP Electricity Code / National Electricity code or any other document issued by the concern government authority. The design (any kind) shall have to be vetted from IIT. The vetted design along with design data sheet / brief note on design parameters shall have to be submitted to UPHDB for approval before execution. After checking functional suitability and overall integration among various Phases of this whole township (area 1407 Acres) development, the same shall be issued as 'Good for Construction' to the Bidder for execution. Any changes required during checking with respect to functional suitability and integration of Village Shahanawajpur Manjha Land area (201.74 Acres) to whole township (1407 Acres) shall be binding. Concept may be provided on the request of the bidder however the cost incurred on creation of</p>	<p>1.2.5 Design and Construction and maintenance of Services for Six (06) Years (including Defect Liability Period)</p> <p>For the integrated development of this Whole township (Area 1407 acres) all concept design i.e., schematic, Process, Hydraulic, Crust, thickness / crust elements and structural etc. shall be provided by UPAVP for entire area so that it seamlessly integrates.</p> <p>However, the detailed engineering design and Detailed Project Report (DPR) including BoQ, technical specifications, drawings, surveys, etc. shall have to be done, vetted, and submitted for the land of village Shahanawajpur Manjha (i.e., total area 201.74 acres).</p> <p>All designs (i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System , 33/11 Kv Sub Station, Connection arrangements of these service networks to individual property, Boundary demarcation of assets, Public spaces such as Parks, Green belts and toilet, blue and green infrastructure related works, and Signage work i.e. of the land is to be done to create a sustainable habitat i.e. township Ready for sustainable habitation) shall have to comply corresponding IS / IRC code / Sewerage Manual /UP Electricity Code / National Electricity code or any other document issued by the concern government authority.</p> <p>The design (any kind) shall have to be vetted from IIT. The vetted design along with design data sheet / brief note on design parameters shall have to be submitted to UPHDB for approval before execution. After checking functional suitability and overall integration among various Phases of this whole township (area 1407 Acres) development, the same shall be issued as 'Good for Construction' to the Bidder for execution. Any changes required during checking with respect to</p>				

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		<p>the concept shall have to be borne by the Bidder. The Bidder has to place request for the concept (if required) well in one month advance so that the same can be arranged /provided without affecting the time line of this integrated development project.</p> <p>All the construction works needed to be carried out for Integrated sustainable development of the township are included in the scope of work.</p> <p>All works shall have to be carried out in accordance with UP PWD, CPWD/ MoRTH Detailed specifications / NEC / UPEC / UP Jal Nigam / UP Power Corporation Ltd etc.</p> <p>All material to be used in the construction shall be in accordance with relevant IS code. The material test reports to be submitted by Bidder.</p> <p>The work and materials shall be tested and shall be in conformity to Relevant IS codes.</p> <p>The following are the brief of construction works to be carried out for completing the Integrated Infrastructural Development work for this township.</p> <p>All elements of work to be constructed, all equipment's and machineries to be procured, installed and operationalized to complete that element of work including its maintenance in all respect as per directions of Engineer In charge, is included in the scope of work.</p> <p>The scope to also include for necessary standby pumps and tube wells and / or any other equipment or process as required in the criteria / norms laid for that service.</p> <p>Following are the brief description on design requirement and construction and maintenance of elements of integrated development under this Bid document.</p>	<p>functional suitability and integration of Village Shahanawajpur Manjha Land area (201.74 Acres) to whole township (1407 Acres) shall be binding.</p> <p>All the construction works needed to be carried out for Integrated sustainable development of the township are included in the scope of work.</p> <p>All works shall have to be carried out in accordance with UP PWD, CPWD/ MoRTH Detailed specifications / NEC / UPEC / UP Jal Nigam / UP Power Corporation Ltd etc.</p> <p>All material to be used in the construction shall be in accordance with relevant IS code. The material test reports to be submitted by Bidder. The work and materials shall be tested and shall be in conformity to Relevant IS codes.</p> <p>The following are the brief of construction works to be carried out for completing the Integrated Infrastructural Development work for this township.</p> <p>All elements of work to be constructed, all equipment's and machineries to be procured, installed and operationalized to complete that element of work including its maintenance in all respect as per directions of Engineer In charge, is included in the scope of work.</p> <p>The scope to also include for necessary standby pumps and tube wells and / or any other equipment or process as required in the criteria / norms laid for that service.</p> <p>Following are the brief description on design requirement and construction and maintenance of elements of integrated development under this Bid document.</p> <p>Bidders are advised to take a note that any of the work / service mentioned in the Abstract of work (Scope of work) can have multiple sites within the township area i.e., within 1407 acre as shown in landuse plan. These sites may / may not be in continuity. No claim of any type / kind shall be entertained in this account.</p>
9.	Volume II, Rate quotation	Engineering, Procurement, Design, Construction and Maintenance for Six (06) Years	Engineering, Procurement, Design, Construction and Maintenance for Six (06) Years (including Defect Liability Period) of Green Field Land Development

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S. N.	Reference clause	As per Tender Document	Being amended as
	form, Page 25	(including Defect Liability Period) of Green Field Land Development Project 'Bhumi Vikas Grihsthan Evam Bazar Yojna Ayodhya - Village Shahanawajpur Manjha Land ' on EPC basis. The integrated development i.e., Road network, Service/Multi Utility duct network, Sewerage Network, Water supply network, Electricity Supply System (33/11 KV Sub Station) Connection arrangements of these service networks to individual property, Boundary demarcation of assets, Public spaces (MP Street Green and Green Belts Marked G1 to G10) related works, and Signage work i.e. of the land is to be done to create a sustainable habitat i.e. township Ready for sustainable habitation. (Area under Development = 201.74 Acre)	<p>Project "Bhumi Vikas Grihsthan Evam Bazar Yojana Ayodhya-Village Shahanawajpur Manjha land" on EPC basis. The integrated development i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System, 33/11 Kv Sub Station, Connection arrangements of these service networks to individual property, Boundary demarcation of assets, Public spaces (Parks, Green belts and toilet, blue and green infrastructure related works, and Signage work i.e. of the land is to be done to create a sustainable habitat i.e. township Ready for sustainable habitation.</p> <p>This RFP is for detailed design and Detailed Project Report (concept design shall be provided by UPAVP), construction and maintenance of services, i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System, 33/11 KV Sub Station, Connection arrangements of these service networks, including defect liability period for 6 years for approximately 201.74 acres.</p> <p>(Area under Development = 201.74 Acre, Area for detailed design and Detailed Project report = 201.74 acres).</p>
10.	BoQ, Serial number 1	<p>Engineering, Procurement, Design, Construction and Maintenance for Six (06) Years (including Defect Liability Period) of Green Field Land Development Project 'Bhumi Vikas Grihsthan Evam Bazar Yojna Ayodhya - Village Shahanawajpur Manjha Land ' on EPC basis. The integrated development i.e., Road network, Service/Multi Utility duct network, Sewerage Network, Water supply network, Electricity Supply System (33/11 KV Sub Station) Connection arrangements of these service networks to individual property, Boundary demarcation of assets, Public spaces (MP Street Green and Green Belts Marked G1 to G10) related works, and Signage work i.e. of the land is to be done to create a sustainable habitat i.e. township Ready for sustainable habitation. (Area under Development = 201.74 Acre)</p> <p>The related works mentioned In Scope of Work (Abstract of work) of Bid Doc (Vol - II) under the</p>	<p>Engineering, Procurement, Design, Construction and Maintenance for Six (06) Years (including Defect Liability Period) of Green Field Land Development Project "Bhumi Vikas Grihsthan Evam Bazar Yojana Ayodhya-Village Shahanawajpur Manjha land" on EPC basis. The integrated development i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System, 33/11 Kv Sub Station, Connection arrangements of these service networks to individual property, Boundary demarcation of assets, public spaces (Parks, Green belts and toilet, blue and green infrastructure related works, and Signage work i.e. of the land is to be done to create a sustainable habitat i.e. township Ready for sustainable habitation.</p> <p>This RFP is for detailed design and Detailed Project Report (concept design shall be provided by UPAVP), construction and maintenance of services, i.e., Road network, Service/Multi utility duct network, Sewerage Network, Water supply network, Electricity Supply System, 33/11 KV Sub Station, Connection arrangements of these service networks, including defect liability period for 6 years for approximately 201.74 acres.</p> <p>(Area under Development = 201.74 Acre, Area for detailed design and Detailed Project report = 201.74 acres).</p> <p>The related works mentioned in Scope of Work</p>

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S. N.	Reference clause	As per Tender Document	Being amended as
		<p>head</p> <ul style="list-style-type: none"> • 1.2.1: Collection of Field Data, • a: Survey and preparation of topographical Map, • b: Geo Technical Investigation / Exploration, • c: Water Quality Test (For Use in Construction), • d: Water Quality Test (For potability), • 1.2.2.: Obtaining statutory Clearances, • 1.2.3: Foundation Laying & Inauguration Ceremony, • 1.2.4 Fixing Township Boundary and uprooting Hedge Bushes and jungle cleaning, • 1.2.5: Design and Construction and maintenance of Services for Six (06) Years (including Defect Liability Period) • 1.2.5i: Signage, • 1.2.5.g: Fixation of perimeters of plot, • 1.2.5h: Public Spaces (MP Street Green and Green Belts Marked G1 to G10), • 1.2.5l : Brief specification of Pump operator room and Toilets. • 1.2.5f : Service connection to plots <p>And all other associated development works not specifically mentioned in the AOW to make the services 'Ready to use'.</p>	<p>(Abstract of work) of Bid Doc (Vol - II) under the head</p> <ul style="list-style-type: none"> • 1.2.1: Collection of Field Data, • a: Survey and preparation of topographical Map, • b: Geo Technical Investigation / Exploration, • c: Water Quality Test (For Use in Construction), • d: Water Quality Test (For potability), • 1.2.2.: Obtaining statutory Clearances, • 1.2.3: Foundation Laying & Inauguration Ceremony, • 1.2.4 Fixing Township Boundary and uprooting Hedge Bushes and jungle cleaning, • 1.2.5: Design and Construction and maintenance of Services for Six (06) Years (including Defect Liability Period) • 1.2.5i: Signage, • 1.2.5.g: Fixation of perimeters of plot, • 1.2.5h: Public Spaces (MP Street Green and Green Belts Marked G1 to G10), • 1.2.5l : Brief specification of Pump operator room and Toilets. • 1.2.5f : Service connection to plots <p>And all other associated development works not specifically mentioned in the AOW to make the services 'Ready to use'.</p>



ESTABLISHING SITE LABORATORY AND TESTING OF MATERIALS

Appendix 'XV'

Equipments for conducting necessary tests (as per CPWD Specifications 2019 Volume-I) shall be provided and installed at site in the well-furnished site laboratory by the Contractor at his own cost. The following laboratory equipment should be in general or as and when required be set up at site laboratory:-

Sl. No.	Equipment	Numbers
1.	100MT compression testing machine, electrical-cum-manually operated)	1
2.	Slump cone, steel plate, tamping rod, steel scale, scoop	05
3.	Vicat Apparatus with Desk pot	1
4.	Megger & earth resistance tester	3
5.	Pumps and pressure gauges for hydraulic testing of pressure pipes	2
6.	Weighing scale platform type 100 Kg capacity	2
7.	Graduated glass measuring cylinder	As per requirement
8.	Sets of sieves of 450mm internal dia for coarse aggregate [100mm, 80mm, 40mm; 2mm; 12.5mm, 10mm; 4.75mm complete with lid and pan]	3
9.	Sets of sieves of 20mm internal dia for fine aggregate [4.75mm; 2.36mm; 1.18mm; 600 microns; 300 microns & 150 micron, with lid and pan]	3
10.	Sieve Brushes and sieve shaker capable of 20mm and 300mm dia sieves, manually operated with timing switch assembly	5
11.	Cube moulds size 70mmx70mmx70mm	30
12.	Cube moulds size 150mmx150mmx150mm	12
13.	Ultrasonic Test Equipment (For concrete)	1
14.	Hot air oven temp. Range 50°C to 300°C- sensitivity 1 degree	1
15.	Electronic balance 600gx0.1g., 10kg and 50 kg	4
16.	Physical balance weight up to 5 kg	4
17.	Digital thermometer up to 150oc	4
18.	Air Content of concrete testing machine	3
19.	Measuring jars 100ml, 20ml, 500ml	5 Nos each size
20.	Gauging trowels 100mm & 20mm with wooden handle	12
21.	Spatula 100mm & 20mm with long blade wooden handle	12



22.	Vernier calipers 12" & 6" size	6 each
23.	Digital PH meter least count 0.01mm	6 each
24.	Digital Micrometer least count. 0.01mm	6 each
25.	Digital paint thickness meter for steel 500 microns Range	3
26.	GI tray 600x450x50mm, 450x300x40mm, 300x250x40mm	3 Nos each
27.	Electric Motor mixer 0.25 cum capacity	4
28.	Rebound hammer test digital rebound hammer	2
29.	Screw gauge 0.1mm-10mm, least count 0.05	6
30.	Water testing kit	3
31.	Motorized sieve shaker	3
32.	Pruning Rods 2 Kg weight length 40 cm and ramming face 25 mm ²	4
33.	Extra Bottom plates for 15 cm cube mould	30
34.	Standard Vibration Table for gauging the cubes	2
35.	Pocket concrete penetrometer 0 to 50kg/ sq.cm	2
36.	Concrete temperature measuring thermometer with Brass protection sheath 0- 100 degree centigrade	4
37.	Mortar Cube vibrator	2
38.	Dial type spring balance preferable with zero correction knob capacity 100 kgs. reading to ½ kg.	2
39.	Counter scale capacity 1 kg and 10 kg	2
40.	Iron Weight of 5 kg, 2 kg, 1 kg, 500 gm, 20 gm, 100 gm	2each
41.	Brass Weight of 50 gm, 2 gm, 10 gm, 5 gm, 2 gm, 1 gm	2each
42.	Measuring cylinder TPX or Poly propylene capacity 100 ml, 500 ml, 250 ml, 100 ml	2each
43.	Pyrex, corning or Borosil beakers with cover capacity 500 ml, 20 ml, 50 ml	3 each
44.	Wash Bottles capacity 500 ml	12
45.	Thermometers 1-100 degree centigrade / max. and Min/ Dry and wet with table	6
46.	Set of box spanner ratchet	3
47.	Hammer 1lb & 2lb	3 each
48.	Distance metre (of 100 metre)	2
49.	Hacksaw with 6 blades	3
50.	Measuring tape (5 metre)	4

51.	Depth gauge 2 cm	6
52.	Shovels & Spade	6
53.	Steel plates 5 mm thick 75x75 cm	6
54.	Plastic or G.I. Buckets 15 ltr, 10 ltr, 5 ltr	3each
55.	Wheel Barrow	12
56.	Floor Brushes, hair dusters, scrappers, wire brush, paint brushes, shutter steel plat oil, kerosene with stove etc.	12each
57.	Any other equipment for site tests as outlined in BIS codes and as directed by the Engineer-in-charge.	-

निविदा सूचना की तिथियां निम्नानुसार संशोधित की जाती हैं-

Bid Submission Start Date	01-02-2023
Pre Bid Meeting Date	13-02-2023 (3:00 PM)
Pre Bid Meeting Place	Meeting hall UPAVP 104, MG Road Lucknow
Seek Clarification Start Date	22-01-2023
Seek Clarification End Date	13-02-2023 (02:00 PM)
Bid Submission Closing Date	24-02-2023 (3.00 PM)
Technical Bid Opening Date	24-02-2023 (3.30PM)
Financial Bid Opening Date	तकनीकी बिड में सफल निविदाओं को अपलोड करने के उपरान्त।

शेष नियम व शर्तें पूर्ववत रहेंगी।

पृ०सं० 208 /उक्त/16

दिनांक 04/02/2023

प्रतिलिपि:-निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-

1. जिलाधिकारी(म०), जनपद अयोध्या।
2. मुख्य अभियन्ता, उ०प्र० आवास एवं विकास परिषद, 104 महात्मा गाँधी मार्ग, लखनऊ।
3. समस्त अधीक्षण अभियन्ता/निदेशक, गोरखपुर/प्रयागराज/वाराणसी/लखनऊ/वृन्दावन/अवध विहार/कानपुर/बुंदेलखण्ड/मेरठ/मण्डोला/गाजियाबाद/रुहेलखण्ड/बरेली/आगरा/विद्युत/ग्लोबल सेल/गुण नियंत्रण एवं परिकल्पना, उ०प्र० आवास एवं विकास परिषद।
4. अधिशासी अभियन्ता, निर्माण खण्ड अयोध्या-01, उ०प्र० आवास एवं विकास परिषद, अयोध्या को उनके द्वारा किये गये अनुरोध के क्रम।
5. अधिशासी अभियन्ता, निर्माण खण्ड अयोध्या-04 उ०प्र० आवास एवं विकास परिषद, अयोध्या को इस निर्देश के साथ प्रेषित कि इसे तत्काल वेबसाइट पर अपलोड कराना सुनिश्चित करें।
6. समस्त अधिशासी अभियन्ता, उ०प्र० आवास एवं विकास परिषद।
7. इंचार्ज, कम्प्यूटर सेल, उ०प्र० आवास एवं विकास परिषद, 104, महात्मा गांधी मार्ग, लखनऊ को परिषद की वेबसाइट पर अपलोड करने हेतु।
8. नोटिस बोर्ड।

Desktop/General Letter

अधीक्षण अभियन्ता