



Government of Gujarat

SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST

Gandhinagar

Request for Proposal (RFP) for Selection of A Consultant for Providing Project Management / Construction Management Services for Construction of a “Statue of Unity” in memory of Shri Sardar Vallabhbhai Patel at Sadhu Island, Near Sardar Sarovar Dam in Kevadia – District of Narmada in Gujarat. – Proceedings of the Pre-Proposal Conference held on 13th June, 2011 at Gandhinagar

Quality & Cost Based Selection (QCBS)

JULY 2011

SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST

C/ O Sardar Sarovar Narmada Nigam Ltd.

Block No.12, 6th Floor,

New Sachivalaya Complex, Gandhinagar 382010.

GUJARAT STATE.

INDIA

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

Process for selection and appointment of consultants for providing Project Management / Construction Management services for “Statue of Unity” Project at Sadhu Island at Kewadia in Narmada District of Gujarat, India – Proceedings of the Pre-Proposal conference held on 13th June, 2011 at Gandhinagar

1. Sardar Vallabh Bhai Patel Rashtriya Ekta Trust (SVPRET for brief), a Special Purpose Vehicle (SPV) set up by the Government of Gujarat for construction of “Statue of Unity” at Sadhu Island at Kewadia in Gujarat in memory of Shri Sardar Vallabh Bhai Patel, had issued “Request for Proposal” (RFP) and had invited intending consultants to submit their Technical and Financial proposal for selection and appointment of Consultants for providing Project Management / Construction Management services for the project.
2. A Pre-Proposal conference was held at the Conference Room of SVPRET at Sardar Sarovar Narmada Nigam Limited (SSNNL), Gandhinagar, Gujarat on 13th June 2011.
3. The Pre-Proposal Conference was chaired by The Chairman – SSNNL. The Managing Director – SSNNL, Joint Managing Director (Fin) – SSNNL and Member Secretary – SVPRET were also present. The list of participants is attached hereto and marked as Annexure 1.
4. The Member Secretary – SVPRET welcomed the consultants and introduced the SVPRET / SSNNL team. A short documentary film on the “Statue of Unity” was screened to brief the consultants about the objectives behind The Project and also its salient features. The Chief Engineer (Dam) – SSNNL made a short power point presentation highlighting the salient features of the Sardar Sarovar Dam as well as the “Statue of Unity”. Thereafter the Pre-

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

Proposal conference was opened up for discussions and deliberations. The Consultants were asked to present their queries seeking clarifications on the RFP in writing and also discuss the same.

5. The queries / issues raised by the consultants are clarified hereunder:

Sr .	RFP Page No.	Section and Clause No.	Clause	Clarifications / Queries	SVPRET Clarification
1.	17	2.2availability of drawings and other data with the SVPRET, Applicable Laws and regulations or any other....	Please kindly provide a list of the drawings and data held by SVPRET and a list of applicable regulations	As was clarified in the pre-proposal conference, intending consultants are encouraged to visit the Project site and ascertain the site conditions, availability of drawings and other data. Drawings like the location drawings, lay out are available at the site with the Chief Engineer (Dam) Applicable laws means the laws and any other instruments having the force of law in India and the State of Gujarat as applicable from time to time during the Period of Contract, as defined under Section 6 – General Conditions of Contract, Clause 1.1.
2.	20	3.4 b)	And on requirements for counter part staff and facilities including: administrative	Please clarify whether SVPRET would provide these facilities without charge or what these would be so we	SVPRET / SSNNL will provide land for setting up of the Consultant's Office and

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

			support, office space, local transportation, equipment, data, etc. to be provided by the SVPRET	can build into the Financial Proposal.	establishment at Kewadia in Narmada District. Office Building if available at Kewadia will be provided. However, it is not mandatory for SVPRET to make available office building and the Consultant shall have to make his own arrangement at his own cost.
3.	33	6.2 (B)	Construction of tall buildings, structures, towers with a minimum height of 180 meters plus	Please clarify what all would be considered within structures and towers.	Large multi storied residential and commercial buildings, iconic towers, having a minimum height of 180 meters plus will be considered under the category of structures and towers.
4.	33	6.2 (B)	The applicant Consultant shall submit client certificate in support of such completed assignment.	May we suggest that a valid copy of contract or copy of final invoice submitted to the client be accepted for projects where there are no completion certificates. As getting completion certificates from client is a recent practice and not many international projects which may qualify would have a completion certificate.	Submission of Client Certificate in support of the Consultant having successfully completed the assignment is a mandatory requirement. Copy of the contract or copy of the final invoice can not be accepted as an evidence of completion of the assignment.
5.	33	6.4	In case of a limited company registered under the Company's Act, the Power of Attorney should be from the Managing Director of the Company under authority of the Board of Directors.	Please note that it is our experience that PoA are issued by various senior company representatives duly authorized, and the MD of large companies is not normally the one required to sign.	As per the Indian Company Law, all the powers are vested upon the Board of Directors of a Company. The Board of Directors normally delegate the powers to the Managing Director through a Power of Attorney with a proviso

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					that the Managing Director can further authorize any of the Company Official to sign and execute contracts and deal with the administration and management of contracts. Clause 6.4 on page 33 is a mandatory legal requirement and therefore can not be amended.
6.	35	6.1 (1)	Relevant Experience of the Applicant Consultant	May we respectfully suggest that the qualifying projects might usefully include / address similar tourism development projects, financial feasibility analysis and design and planning of similar developments. Presently they only address PM/CM and design of structures only. These changes might help SVPRET consider consultants with other pertinent qualifications and experience.	<p>The RFP is for the specific purpose of selection and appointment of a Consultant for the design engineering and Project Management / Construction Management services for the Phase – I of the project which covers the following aspects as the Scope of Work:</p> <ul style="list-style-type: none"> • 182 metre height statue and a bridge connecting the Sadhu Island to the main land. • 3.5 Kms highway connecting the Sadhu Island to the town of Kevadia. • Hotel, Convention Centre, Memorial Garden and Visitor Centre Building. <p>Clause 3.1, Terms of Reference under Section 5 provides for the Technical studies outlining the feasibility and scope of various project structures. Clause 3.1.1.3</p>

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					<p>also provides for Financial studies evaluating the investment profile and financing schemes. Similarly clause 3.1.1.6 provides for a tourism plan to attract domestic and international visitors and improve the project attractiveness and revenue generation.</p> <p>Thus, the scope of the assignment is comprehensive. However, it may not be possible to include all such aspects in the qualifying criteria as the focus and emphasis is on project management / construction management.</p>
7.	35	6.7	Criteria, sub criteria and marking system for the evaluation of full technical proposals.		Clause 6.7 is amended and the new clause 6.7 is enclosed as Annexure – 3.
8.	35	6.7 (1)	Relevant Experience of the Applicant Consultant	<p>We would suggest that the marking criteria should adequately reflect the track record and experience of the bidder. We suggest the marking criteria may be for instance:</p> <p>> 3 Projects – 100 Marks 2-3Projects – 70 Marks 1 Project – 30 Marks 0 Project – 0 Marks</p>	<p>The qualifying criteria under clause 6.7, Item Code 1 already provides marks based on consideration of the consultants’ experience and track record in providing project management consultancy for tall buildings, structures, towers, having a height of 180 meters plus for a similar iconic structure either in India or Abroad. No change in the marking criteria is therefore</p>

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					required.
9.	35	6.7 (2)	Design and Project Management of Architectural and iconic structures	Might you consider changing the experience to other than PM/CM experience. The PM/CM qualifications will be addressed by the assessment in the previous section. Might this section evaluate other disciplines including geotechnical, area planning within identified sectors, formulation of tourism plans, formulation of financial and revenue models. We would suggest that the marking criteria should adequately reflect the track record and experience of the bidder. We suggest the marking criteria may be for instance >3 Projects – 50 Marks 2-3Projects – 35 Marks 1 Project – 15 Marks 0 Project – 0 Marks	Clause 6.7, Item Code 2 already provides for experience in providing project management consultancy services involving design of architectural and iconic structures. No change in the qualification criteria is therefore considered necessary.
10.	37	6.7 (3)	Consultants approach and methodology for providing the services --- Maximum Marks 05	With respect, might you consider apportioning more marks since a good approach & methodology is critical to achieve the project objectives with highest standards. As per our understanding a RFP normally has equivalent weightage assigned to 1. Qualifying Projects, 2. Work Plan, Approach and Methodology, Understanding of the	Clause 6.7, Item Code 3 prescribes 25 Marks for the proposed methodology and work plan for the assignment. No change in the criteria is therefore necessary.

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

				RFP and project understanding 3. Key Team Members																									
11.	NA	NA	NA	May we suggest that preference be given to firms having experience in integrated delivery of similar destination projects. It would assure project deliverables in a timely manner and maximizing the value with minimal inter coordination amongst different stake holders	The qualification criteria contained in clause 6.7 under Item Code 1, 2, 3 & 4 adequately deals with the consultant's relevant experience, capability and experience in design and project management of architectural and iconic structures, proposed methodology and work plan, relevant experience of key personnel. No change in the criteria is therefore necessary.																								
12.	38	6.7 (4)	Relevant experience of the key personnel	Might this usefully include a Geotechnical Expert and an environmental / sustainability expert. We would certainly include one in our team.	The suggestion has been accepted. Similarly the Financial Management function is subdivided into two components i.e. (a) Project Finance and (b) Project Costing. The Item Code 4 under clause 6.7 which deals with the relevant experience of the key personnel is amended as under:																								
					<table border="0"> <tr> <td>Relevant experience of the key personnel</td> <td style="text-align: right;">150</td> </tr> <tr> <td>a. Team Leader</td> <td style="text-align: right;">25</td> </tr> <tr> <td>b. Dy. Team Leader</td> <td style="text-align: right;">15</td> </tr> <tr> <td>c. Senior Structural Engineer</td> <td style="text-align: right;">10</td> </tr> <tr> <td>d. Senior Architect/ Planner and Aesthetic Design Engineer</td> <td style="text-align: right;">10</td> </tr> <tr> <td>e. Geotech Expert</td> <td style="text-align: right;">05</td> </tr> <tr> <td>f. Senior Finance Expert</td> <td style="text-align: right;">10</td> </tr> <tr> <td>g. Senior Cost Accountant</td> <td style="text-align: right;">05</td> </tr> <tr> <td>h. Senior Planner</td> <td style="text-align: right;">05</td> </tr> <tr> <td>i. Senior Tourism Development Expert</td> <td style="text-align: right;">05</td> </tr> <tr> <td>j. Sr. Quality Control Engineer</td> <td style="text-align: right;">10</td> </tr> <tr> <td>k. Quality Control Engineers- 2</td> <td style="text-align: right;">10</td> </tr> </table>	Relevant experience of the key personnel	150	a. Team Leader	25	b. Dy. Team Leader	15	c. Senior Structural Engineer	10	d. Senior Architect/ Planner and Aesthetic Design Engineer	10	e. Geotech Expert	05	f. Senior Finance Expert	10	g. Senior Cost Accountant	05	h. Senior Planner	05	i. Senior Tourism Development Expert	05	j. Sr. Quality Control Engineer	10	k. Quality Control Engineers- 2	10
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GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					l. Site Engineers – 5 Nos. 10 m. Structural Engineers – 2 Nos. 10 n. Mechanical Engineer 05 o. Electrical Engineer 05 p. Billing Engineer 05 q. Contract Administrator 05
13.	39	6.11	Evaluation of Financial Proposal	Might the QCBS be altered to 80% Tech and 20% Fin as this would assist in selecting a team more likely to meet the quality of services desired.	The weightage for the QCBS prescribed under clause 6.11 (2) on page 40 i.e. 70% weightage to the Technical Score and 30% weightage to the Financial Score will remain unchanged.
14.	39	6.12	Combined and final evaluation	In light of the fact that SVPRET is likely looking for a technically superior consultant, we request you to consider that the bidder scoring highest technical marks be allowed to match the highest overall technical + financial score of any other bidder. This would enhance possibility of securing best technical expertise.	The procedure for combined and financial evaluation as prescribed under Clause 6.12 is the standard internationally accepted procedure for Quality and Cost Based Selection of a consultant and therefore the request to consider allowing the bidder scoring highest technical marks to match highest overall technical + financial score of any other bidder can not be accepted.
15.	67	3.1.1	The Master Plan will be prepared by an independent consultant. The PM/CM will manage the selection process, including preparation of a Master Plan RFP, scope definition, contract negotiations, etc.	With respect, we believe these requirements should be deleted as the RFP envisages an integrated approach towards Project Conceptualization, Project Planning & Design and Project Delivery. The integrated approach is well reflected within the letter of invitation for the RFP which clearly identifies the project components.	The overall Master Plan (Area Planning) for the project envisages that the <i>iconic statue</i> will become a catalyst for accelerated development in the Project area benefitting a large number of the tribal population resident there. It is anticipated that development will be based on several stimuli such as tourism

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

				<p>infrastructure, entertainment and education infrastructure, research activity in facets of biotechnology, clean energy, water resources, environmental management and tribal development, etc. This would encompass overall Area Planning. Such Area Planning is not covered under this assignment. The overall Area Planning will be done by a separate Consultant.</p> <p>The RFP is for the specific purpose of selection and appointment of a Consultant for the Planning, Design Engineering and Project Management / Construction Management services for the Phase – I of the project which covers the following aspects as the Scope of Work:</p> <ul style="list-style-type: none">• 182 metre height statue and a bridge connecting the Sadhu Island to the main land.• 3.5 Kms highway connecting the Sadhu Island to the town of Kevadia.• Hotel, Convention Centre, Memorial Garden and Visitor Centre Building.
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GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					<p>Clause 3.1.1. of Section 5 Terms of Reference on Page 67 already mentions that the Master Plan will be prepared by an independent consultant. The first two lines of Para 3.1.1. stating, <i>“Assist the client in preparation of a Master Plan that may encompass the current phase and subsequent phases of the project”</i> is deleted. For the purpose of this clause under the Pre-design phase Project Master Plan would mean the Technical Studies outlining the feasibility and scope of various project structures, specifications, financial studies, taxation structure, cultural studies and tourism plan as specified in clause 3.1.1.1, 3.1.1.2, 3.1.1.3, 3.1.1.4, 3.1.1.5 & 3.1.1.6. This does not include overall Area Planning and covers planning related to the three aspects mentioned above.</p>
16.	72	3.5.7	Relevant experience of the Key Personnel – Team Leader	Team leader should be more experienced than the Dy. Team leader. Experience should be 20 or more years. Civil Engineering qualifications might be usefully added as Bidders might be able to	The RFP prescribes the minimum qualifications for the Key Professionals as post graduates and graduates in the respective disciplines. The qualification requirements have been

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

				identify TL with strong PM/CM background from that discipline.	reconsidered and a revised Relevant experience of the Key Personnel under Para 3.5.7 is annexed hereto and marked as Annexure 2.
17.	72	3.5.7	Dy. Team Leader	Please consider adding Civil Engineering qualifications.	As was clarified during the pre-proposal conference, Master Degree / Degree in construction planning and project management is normally awarded to civil engineers on completion of the relevant academic course in construction planning and project management.
18.	73	3.5.7	Senior Architect & aesthetic planner	Please consider including a Post Graduate Degree in Architecture / Urban Design / Planning.	No change is required as the qualifications are adequately prescribed under the Annexure 2 enclosed. Urban Planning / Design is not involved in this project.
19.	73	3.5.7	Senior Finance Expert He will be responsible for the total finance, planning and management, pre-investment planning, financial management with specific reference to cost controls etc.	We respectfully suggest that this position might be split into two positions with one expert doing pre project financial planning and analysis, and the second responsible for project based financial management and cost control. There could be some overlap, but would not be necessary.	The selected consultant shall have to provide financial management services in terms of development of Resource Mobilization Plan and Revenue Model for the Project. Though, costing of the Project is an integral part of Financial Management. The focus of the assignment is on Technical and Financial feasibility, Pre-investment Planning, Financial and Revenue Model. The

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					Consultants therefore shall have to structure their proposal considering these aspects of the Scope of Work.
20.	73	3.5.7	Senior Planner A post graduate degree in Project Planning, Project Management, construction planning and management	Please consider changing these qualification to address the need for expertise in undertaking design based on the responsibilities. A Post Graduate Degree in Architecture / Urban Design / Planning might also be considered.	No change required as Urban Design and Planning is not a part of the Project Assignment. A position for Senior Architect and Aesthetic Planner is already prescribed.
21.	65		Payment Schedule Milestone Payments	Please consider amplifying your payment schedule to allow for monthly payments leading up to milestones, with the proviso that these on-account payments might be suspended at the employer's discretion if the Consultant is clearly behind schedule.	The payment schedule has been already elaborated and amplified under Form Fin 6 on Page 65 of the RFP. This schedule provides that 47% of the total fees as per the accepted financial proposal shall be paid in equal 40 monthly installments from the date of award of the contract to the EPC contractor up to the date of completion.
22.	NA	NA	NA	Please provide at least 4 weeks time for proposal submission after response to queries is issued to perspective bidders.	The last date for submission of the proposal has been now revised as 31st July 2011 .
23.				How many members will client allow in a consortium?	The RFP permits Joint Venture Consortium. It is further clarified that Joint Venture Consortium between a maximum of three members will be permitted. However, it will be mandatory for

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					the Joint Venture Consortium to nominate Engineering and Project Management / Construction Management Consultant as the lead partner of the Consortium. This is because the proposed assignment is focused on the design engineering, project and construction management of the “Statue of Unity” Project.
24.				Would client allow use of sub-consultants?	Clause 1.13 on page 17 prescribes that SVPRET normally will not encourage appointment of sub consultants. However, under very special circumstances, SVPRET may allow appointment of sub consultants for very specific purposes
25.				Would client specify minimum man months, out of total man months estimated on page 72, that each proposed personnel will have to spend on field and in office (local/overseas)?	The consultant shall have to provide the team composition and task assignments under Form Tech 5 on page 54 and the staff input in the form of BAR Chart with staff months at the home office and the field office in Form Tech. 7 – Page 57. This will be considered as a part of the evaluation procedure.
26.				Would client clarify compensation arrangement of 8% if the project is delayed? Please refer clause on page 82.	Clause 6 of the Terms of Reference on Page 82 provides that in case of the PMC assignment requiring extension,

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					<p>this will be done by ordering extension of time at the discretion of SVPRET. On such extension the total lumpsum price shall be increased by adding 8% of the original price to the original price per year.</p>
27.				<p>Do all the team members of the Consortium need to comply with the minimum qualification requirements listed in the RFP or if only the lead member complies its sufficient?</p>	<p>The Technical strengths and the relevant experience as well as the financial strengths of the members of the Joint Venture Consortium shall be added together to arrive at the combined strength of the Joint Venture Consortium for the purpose of the qualification of the Consortium for the assignment.</p> <p>However, the lead partner shall have to meet with the qualification criteria relating to experience in completing one (1) similar Project Management / Construction Management Assignment, for a project valuing more than Rs. 500 Crores and one (1) similar iconic structure either in India or abroad. Similar Project would mean a project for design and construction of tall buildings, structures, towers with a minimum height of 180 meters plus.</p>

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

28.				<p>We anticipate that the majority of the first year works (being design development and selection of EPC contractor) would be performed at Gandhinagar, hence can we get office space + furniture for the entire PMC staff?</p>	<p>The design, development of bid documents and selection of EPC contractor can be planned to be performed at Gandhinagar. SVPRET / SSNNL will provide minimum possible office space at its head office in Block No. 12, 3rd Floor, New Sachivalaya, Gandhinagar. The consultants will have to share the facilities that are available at this location.</p>
29.				<p>Staffing - We suggest that the CVs of the following key members such as Team Leader, Dy. Team Leader, Senior Architect, Senior Structural Engineer, Senior Finance Expert be submitted and all other staff be selected after award. We expect that other staff from Sr. No. 6 thru No.15 (page 73 to 76) should be hired from local market and can be done only after award, hence CV cannot be provided for such staff at the time of proposal. Kindly consider</p>	<p>The Consultants shall have to attach the detailed Curriculum Vitae of all the Key Professionals in Form Tech 6 of the RFP along with their Technical Proposal. The CV shall have to be signed by the professional himself confirming that he will be available for the assignment. The CV shall have to be counter signed by the authorized signatory of the Consultant. This is a mandatory requirement.</p>
30.				<p>Who would be the Infrastructure consultant for the project? Would it be appointed separately by SVPRET?</p>	<p>The present assignment is for the Project and Construction management under phase – 1 as defined hereinabove. There will be a separate consultant for the overall Master Planning of all the phases. No separate infrastructure consultant is therefore required to</p>

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					be appointed.
31.				Is the Master Planner for the Project already appointed by SVPRET?	The Master Planner Consultant will be appointed at an appropriate time.
32.				We understand that all approvals, permits and clearances from any and all government agencies would be obtained by SVPRET?	SVPRET will manage all approvals, permits and clearances from any and all government agencies. However, as a PMC, the selected consultant will have to formulate necessary proposals etc. for submission to these authorities.
33.				Do we need to have team of Mechanical, Electrical, Plumbing and Fire fighting experts also as part of the team? Or if so required at a later date, can these staff be accommodated at additional cost to the Contract? We are asking this since this project also includes construction of hotel, convention centre, and other building projects apart from the Statue.	The schedule of key professionals under the Terms of Reference already provides for mechanical and electrical engineers. The Consultant can propose plumbing and fire fighting experts as the support staff in the Tech. schedules provided under the RFP. However, support staff will not be considered for evaluation as qualification criteria.
34.				Consultant's Experience in India or Abroad	The Consultant's experience in India as well as Abroad will be considered for the purpose of qualification as this is a global proposal.
35.				Proposal through Indian subsidiary company	An Indian subsidiary company set up under the Companies Act of India, in India by the parent company abroad will be able to

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					participate in the process of selection of consultants for this assignment. The technical and financial strengths of the parent company will also be considered for qualification. However, the consultants while making a proposal shall have to provide necessary documentation for evidence in this regard.
36.				Location of the Team Leader	The role of the Consultant's Team Leader as specified in the RFP is to lead, co-ordinate and supervise the multidisciplinary team involved in providing project management services. He will interact and coordinate with the construction contractor as well as the SVPRET Engineer-in-Charge for successful management of the project. It is therefore, mandatory for the Consultant to identify, appoint and station the Team Leader at the Project Site.
37.				Leave to the Key Professionals	Clause 4.4 of the Consultancy Contract provides as under: (a) The consultant and his professional staff at the project site shall work as per the work schedule agreed with the SVPRET and shall provide their

GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					<p>services on 24 x 7 basis including the weekends and public holidays.</p> <p>(b) The Key Personnel shall not be entitled to be paid for overtime nor to take paid sick leave or vacation leave, the Consultant's remuneration shall be deemed to cover these items. All leave to be allowed to the Personnel is included in the staff-months of service set forth in Terms of Reference. Any taking of leave by Personnel shall be subject to the prior approval by the Consultant and the SVPRET who shall ensure that absence for leave purposes will not delay the progress and adequate supervision of the Services.</p> <p>Sub clause (c) to clause 4.4 is added and made a part of the Consultancy contract as under; <i>“SVPRET shall permit the consultant to grant leave to the</i></p>
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GOVERNMENT OF GUJARAT
SARDAR VALLABHBHAI PATEL RASTRIYA EKTA TRUST (SVPRET)

					<i>Key Professionals subject to condition that the key professional on leave shall be replaced by another key professional of the same category and equivalent or higher qualification and experience.”</i>
38.				Priced Proposals and Payments	The Consultant shall have to quote his price as per the forms prescribed under the RFP in Indian Rupees Only. All payments to the Consultants shall be made in Indian Rupees only.
39.	35	6.7	Key Professionals	Request to add following positions: Safety Engineer Safety Manager	These can be part of the support staff and therefore, not considered as key professional.
40.			Power of Attorney	Please provide a Standard Format	There is no Standard Format prescribed. The Consultant can submit the Power of Attorney in a legal format normally used by the limited / private limited companies in India.

LIST OF PARTICIPANTS ATTENDED
PRE-PROPOSAL MEETING HELD ON 13/06/2011

Sr.No.	Name	Designation
1.	D.Rajgopalan	Hon. Chairman, SSNNL
2.	S.Jagdeesan	Hon. Managing Director, SSNNL
3.	G.R.Aloria	Jt. M.D. (F), SSNNL
4.	K.Srinivas	Jt. M.D. (A), SSNNL
5.	B.J.Vasavada	Consultant, SSNNL
6.	M.L.Solanki	Consultant, SSNNL
7.	Prof. PVK Rameshwar	CEPT
8.	Ms. Swati Buth	GIDB
9.	P.M.Shah	GM(T)

REPRESENTATIVE OF CONSULTANTS

Sr.No.	Name	Designation
1.	Harpreet Singh Arora	Aecom India Pvt. Ltd., Gurgaon
2.	Dipen Nathwani & Abhilash Gupta	Capita Symonds, New Delhi.
3.	Pawan Garg	Samsung C&T Pvt. Ltd., Gurgaon.
4.	Svetlane Samodurova, Mohammad Athar	Pricewater House Coopers Pvt. Ltd., Ahmedabad
5.	Abhilash Singh	Egis India, Gandhinagar.
6.	Pranshu Jain	Deloitte Touche Tohmatsu (I) Pvt.Ltd., Ahmedabad.
7.	Jairam Panch	Turner Project Management India Pvt.Ltd., Mumbai.
8.	Kirpal Singh	Jones Lang Lasalle, Ahmedabad.
9.	Vivek Waghmare	HCC, Gandhinagar.

3.5.7 Relevant experience of the Key Personnel

Sr. No.	Position	Quali-fication	Experience	Responsibilities	Period of deployment in man months
1	Team Leader	A post graduate degree in Architecture / project planning from a reputed institute Or A recognized Degree / Diploma Qualification	[a] for the post graduate professional - 10 years plus as a Project Leader / Project Manager in design, development and construction supervision, and management of tall buildings / towers with specific reference to iconic structures. Or [b] for the Degree / Diploma Holders - 20 years plus as a Project Leader / Project Manager in design, development and construction supervision, and management of tall buildings / towers with specific reference to iconic structures	He will lead, co-ordinate and supervise the multidisciplinary team involved in providing project management services. He will interact and coordinate with the construction contractor as well as the SVPRET Engineer-in-charge for successful management of the project.	42
2	Dy. Team Leader	Master Degree in construction Planning and Project Management Or A recognized Degree / Diploma Qualification	[a] for the post graduate professional - 10 years plus experience as a Senior construction manager in design, development and construction supervision, and management of tall buildings / towers with specific reference to iconic structures Or [b] for the Degree / Diploma Holders - 20 years plus experience as a Senior construction manager in design, development and construction supervision, and management of tall buildings / towers with specific reference to iconic structures	He will assist the team leader in all activities as per the scope of work for providing project management services.	42

Sr. No.	Position	Quali-fication	Experience	Responsibilities	Period of deployment in man months
3	Senior Structural Engineer	M. Tech. in structural engineering from a reputed institute Or A recognized Degree / Diploma Qualification	[a] for M. Tech. - 10 years plus as a Structural designer in the area of tall buildings / towers with specific reference to iconic structures. Or [b] for Degree / Diploma holders - 20 years plus as a Structural designer in the area of tall buildings / towers with specific reference to iconic structures.	He will be responsible to supervise all the activities at the site in consultation and liaison with the SVPRET engineer-in-charge	40
4	Senior Architect & aesthetic planner	A post Graduate Degree in Architecture Or A recognized Degree / Diploma Qualification	[a] for Post Graduates - 10 years plus as a senior architect with experience in design, development and construction supervision, and management of tall buildings / towers with specific reference to iconic structures Or [b] For Degree / Diploma Holders - 20 years plus as a senior architect with experience in design, development and construction supervision, and management of tall buildings / towers with specific reference to iconic structures	He will be responsible for architectural and aesthetic designs	20
5	Geo Tech Expert	A Master's Degree in Soil Mechanics / Geo Tech engineering from a reputed institution or A graduate in geo tech	[a] for Post Graduates - 10 years plus experience in soil mechanics and geo tech engineering of infrastructure projects with specific reference to tall structures . Or [b] for Degree Holders - 15 years plus experience in soil mechanics and geo tech engineering of infrastructure	He will be responsible for guiding and overseeing the geo tech investigations and studies.	3 months

Sr. No.	Position	Quali-fication	Experience	Responsibilities	Period of deployment in man months
		engineering / soil mechanics from a reputed institution	projects with specific reference to tall structures.		
6	Senior Finance Expert	A Masters in Business Administration with specialization in finance from a reputed institute	10 years plus experience in project finance, financial resource planning, financial management, costing etc.	He will be responsible for the total finance, planning and management, pre-investment planning, financial management with specific reference to cost controls etc.	40
7	Senior Cost Accountant	A Post Graduate qualification in Cost Accountancy Or A Chartered Cost Accountant as certified by the Institute of Cost & Works Accountants (ICWA).	Ten years post qualification experience in costing and cost management of major infrastructure projects.	He will be responsible for overall costing, cost control and works accounting of the Project	12
8	Environment & sustainability expert	A post graduate degree in Environment and environment management from a reputed institute Or A Degree in environment	[a] for Post Graduates - 10 years plus experience in environmental and ecological planning for major projects with specific reference to iconic structures. Or [b] for Degree Holders - 15 years plus experience in environmental and ecological planning for major projects with specific reference to iconic structures.	He will be responsible for overall environmental management plan, utility planning, landscaping etc.	12

Sr. No.	Position	Quali-fication	Experience	Responsibilities	Period of deployment in man months
		and Environment Management from a reputed institute			
9	Senior Tourism Development Expert	A post graduate degree in management / planning Or A Degree in management / planning from a reputed institute	[a] For Post Graduates - 10 years plus experience in conceptualizing, developing, master planning and designing a Tourism Development plan for major irrigation dams / iconic structures Or [b] For Degree Holders - 15 years plus experience in conceptualizing, developing, master planning and designing a Tourism Development plan for major irrigation dams / iconic structures	He will be responsible for the tourism master plan for the “Statue of Unity” on a national and international base	12
10	Sr. Quality Control Engineer	B.E. (Civil) Or Diploma in Civil Engineering	[a] For B.E. (Civil) - 5 years plus as a quality control engineer having experience in quality assurance of tall buildings / towers with specific reference to iconic structures Or [b] For Diploma (Civil) - 15 years plus as a quality control engineer having experience in quality assurance of tall buildings / towers with specific reference to iconic structures	He will be responsible for total quality control and quality assurance of all the components of the project as per the approved designs and designs, work specifications contained in the construction contract, relevant Bureau of Indian standard codes of practices, standard engineering practices.	40
11	Quality Control Engineers –	B.E. (Civil) Or Diploma in	[a] For B.E. (Civil) - 5 years plus as a quality control engineer having experience in quality assurance of tall	They will be responsible as assistance to the senior quality control engineer for total quality	40

Sr. No.	Position	Quali-fication	Experience	Responsibilities	Period of deployment in man months
	2 Nos.	Civil Engineering	buildings / towers with specific reference to iconic structures Or [b] For Diploma (Civil) - 15 years plus as a quality control engineer having experience in quality assurance of tall buildings / towers with specific reference to iconic structures	control and quality assurance of all the components of the project as per the approved designs and designs, work specifications contained in the construction contract, relevant Bureau of Indian standard codes of practices, standard engineering practices.	
12	Site Engineers – 5 Nos.	B.E. (Civil) Or Diploma in Civil Engineering	[a] For B.E. (Civil) - 5 years plus as a Site Engineer on civil engineering infrastructure projects. Or [b] For Diploma (Civil) - 15 years plus as a Site Engineer on civil engineering infrastructure projects.	These engineers will support the senior site engineer for all the activities at the site in consultation and liaison with the SVPRET engineer-in-charge	40
13	Structural Engineers – 2 Nos.	M.E. / M. Tech in structural engineering	7 years plus as a structural engineer in a design office with experience in hands on design of structures, checking and vetting of designs etc.	They will be responsible for examination and vetting of the structural engineering designs as may be prepared and submitted by the construction contractor in compliance to the design norms contained in the construction contract as well as the standard design manuals issued by the SVPRET and shall recommend the designs and drawings for approval to the engineer-in-charge	20
14	Senior Mechanical Engineer -1 Nos.	B.E. (Mech.) Or Diploma (Mech)	[a] For B.E. (Mech) - 10 years plus in designing, manufacturing, erecting, testing and commissioning mechanical equipments that may be required for the project like elevators,	He will be responsible for all activities covering design, procurement, installation of all mechanical equipments.	8

Sr. No.	Position	Quali-fication	Experience	Responsibilities	Period of deployment in man months
			<p>air conditioning systems, cranes, hoists etc.</p> <p>Or</p> <p>[b] For Diploma (Mech) - 20 years plus in designing, manufacturing, erecting, testing and commissioning mechanical equipments that may be required for the project like elevators, air conditioning systems, cranes, hoists etc.</p>		
15	Senior Electrical Engineers - 1 Nos.	B.E. (Elect.) Or Diploma (Elect.)	<p>[a] For B.E. (Elect.) - 10 years experience in design, manufacture, erection, testing and commissioning of electrical systems for lighting, illuminating, motors for the elevators etc.</p> <p>Or</p> <p>[b] For Diploma (Elect.) - 20 years experience in design, manufacture, erection, testing and commissioning of electrical systems for lighting, illuminating, motors for the elevators etc.</p>	He will be responsible for all activities covering design, procurement, installation of all electrical equipments.	8
16	Billing Engineer - 1 Nos.	B.E. (Civil) Or Diploma (Civil)	<p>[a] For B.E. (Civil) - 5 years plus in quantity surveying, BOQ analysis, recording of work measurements, preparing and checking bills relating to construction contracts.</p> <p>Or</p> <p>[b] For Diploma (Civil) – 15 years plus in quantity surveying, BOQ analysis, recording of work measurements, preparing and checking bills relating to construction</p>	He will be responsible for the checking and recording of measurements, checking and examination of the bills presented by the construction contractor and its certification for recommendation to the engineer in-charge for payment.	40

Sr. No.	Position	Quali-fication	Experience	Responsibilities	Period of deployment in man months
			contracts.		
17	Contract administrator	B.E. (Civil) with additional qualification in construction and planning management	10` years plus experience in administration and management of contracts, interpretation of conditions of contract, dispute resolution under the DRB route, contract correspondence etc.	He will be responsible for overall administration and management of the construction contract, interpretation of conditions of contract, dispute resolution, contract correspondence etc.	40

Proceedings of the Pre Proposal Conference for selection of Consultants for providing Project Management / Construction Management Services for the Statue of Unity held on 13th June, 2011.

ANNEXURE – 3

The RFP uploaded on the website contains clause 6.7 which deals with the scoring system for evaluation of the Technical Proposals. This clause 6.7 as contained in the RFP is deleted and is deemed to be replaced by the following amended clause 6.7.

Amended Clause 6.7

6.7.1 The maximum marks to be allotted under Technical Evaluation shall be as under:

Sr.No.	Parameter	Maximum marks
1	Relevant Experience of the Consultant	100
2	Capability and experience in Architectural and Iconic Structure	100
3	Methodology and Work Plan	50
4	Qualification and relevant experience of Key Professionals	150
	TOTAL Consultant shall have to score a minimum of 280 marks out of 400 for qualification and opening of the Price Bid.	400

6.7.2 Criteria, sub-criteria, and marking system for the evaluation of Full Technical Proposals are:

Item Code	Parameters	Max. Marks	Criteria
1	Relevant Experience of the Applicant Consultant	100	Marks under this category shall be assigned by the Evaluation Committee as under: a) 100 marks for Consultant's experience in providing Project Management Consultancy

Item Code	Parameters	Max. Marks	Criteria
			<p>Services for more than three projects involving design and project management of tall buildings, structures, towers having a height of 180 meters plus for a similar iconic structure either in India or abroad.</p> <p>b) 85 marks for Consultant's experience in providing Project Management Consultancy Services for two projects involving design and project management of tall buildings, structures, towers having a height of 180 meters plus for a similar iconic structure either in India or abroad.</p> <p>c) 70 marks for Consultant's experience in providing Project Management Consultancy Services for one project involving design and project management of tall buildings, structures, towers having a height of 180 meters plus for a similar iconic structure either in</p>

Item Code	Parameters	Max. Marks	Criteria
			<p>India or abroad.</p> <p>d) 0 marks for Consultant's not having any experience in providing Project Management Consultancy Services for more than one project involving design and project management of tall buildings, structures, towers having a height of less than 180 meters for a similar iconic structure either in India or abroad.</p>
2	Capability and Experience in Design and Project Management of Architectural and iconic structures	100	<p>a) 100 marks for Consultant's experience in providing Project Management Consultancy Services for more than three projects involving design and project management of architectural and iconic structures.</p> <p>b) 80 marks for Consultant's experience in providing Project Management Consultancy Services for two projects involving design and project management of architectural and iconic structures.</p> <p>c) 70 marks for Consultant's</p>

Item Code	Parameters	Max. Marks	Criteria
			<p>experience in providing Project Management Consultancy Services for one project involving design and project management of architectural and iconic structures.</p> <p>d) 0 (zero) marks for Consultant's not having any experience in providing Project Management Consultancy Services for architectural and iconic structures.</p>
3	Proposed methodology and work plan	50	<p>Evaluation will be based on the quality of submissions and marks will be allotted from the breakup of the total marks as under:</p> <ul style="list-style-type: none"> • Consultants approach and methodology for providing the services --- Maximum Marks 10 • Consultants past experience in providing Project Management Services ---- Maximum Marks 20 • Consultants past experience in providing Inspection & Quality Control Services for projects comprising of tall buildings, structures, towers having a

Item Code	Parameters	Max. Marks	Criteria
			<p>height of 180 meters plus ---- Maximum Marks 10</p> <ul style="list-style-type: none"> • Consultants work plan and work schedules ---- Maximum Marks 10
3	<p>Relevant experience of the key personnel</p> <p>a. Team Leader</p> <p>b. Dy. Team Leader</p> <p>c. Senior Structural Engineer</p> <p>d. Senior Architect/ Planner and Aesthetic Design Engineer</p> <p>e. Geotech Expert</p> <p>f. Senior Finance Expert</p> <p>g. Senior Cost Accountant</p> <p>h. Senior Planner</p> <p>i. Senior Tourism Development Expert</p> <p>j. Sr. Quality Control Engineer</p> <p>k. Quality Control Engineers– 2</p> <p>l. Site Engineers – 5 Nos.</p> <p>m. Structural Engineers – 2 Nos.</p> <p>n. Mechanical Engineer</p> <p>o. Electrical Engineer</p> <p>p. Billing Engineer</p> <p>q. Contract Administrator</p>	<p>150</p> <p>25</p> <p>15</p> <p>10</p> <p>10</p> <p>05</p> <p>10</p> <p>05</p> <p>05</p> <p>05</p> <p>10</p> <p>10</p> <p>10</p> <p>10</p> <p>05</p> <p>05</p> <p>05</p> <p>05</p>	<p>40% of the maximum marks for each Key Personnel shall be awarded for their engineering or relevant professional qualification and 60% of the maximum marks shall be awarded for their relevant professional experience.</p> <p>Key professionals not having the minimum qualification and minimum experience as specified in para 3.5.7 of Section-5 of this RFP will be assigned '0' marks.</p>
Total		400	

The Consultant shall have to score a minimum of 280 marks out of 400 for qualification and opening of the price bids.