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## **REVISED PRICE BID EVALUATION REPORT**

**for**

**Ground Level Reservoirs along Western Route  
[at Lingadernahalli (18 ML), Singapura (20 ML)  
Vasudevpura (11 ML), Chhokanahalli (65 ML)]**

**Contract Package – BWSSP (III) / JICA / CP-13**

**Local Competitive Bidding (LCB)**

**Employer:** Bangalore Water Supply and Sewerage Board  
(BWSSB)

**Country:** India

**Project:** JICA Assisted Bengaluru Water Supply and  
Sewerage Project (Phase 3)

**Loan No.:** ID-P266

**July 2019**

Project Management Consultants:

Oriental Consultants Global Co. Ltd. Japan (OC Global)

NJS Engineers India Pvt Ltd, India (NJSEI)

Tata Consulting Engineers Limited, India (TCE)

*In Association with* Black and Veatch (BV)

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## SUMMARY

In accordance with JICA letter no. JICA (ID) 30 1259, dated 6<sup>th</sup> March 2019, the present bidding process was started for Contract No. BWSSP (III) / JICA / CP-13. Bids were invited with single stage, two envelope [Technical Bids (TB) with Initial Filter + Price Bids (FB)] bidding process as per concurrence of JICA.

### i) **Date of Bid Invitation Announcement**

Notice for Inviting Bids was published in Times of India, Indian Express and Prajavani (Local) Newspapers and also uploaded on BWSSB website <http://www.bwssb.gov.in> on 6<sup>th</sup> March 2019. The bids were invited based on single stage, two envelope system.

### ii) **Date of Availability of Bid Documents**

The hard copies and soft copies of Bid Documents were available to the bidders from 7<sup>th</sup> March 2019 to 6<sup>th</sup> May 2019 up to 15.00 Hours.

The Bid Documents consists of following volumes:

Volume I (Bidding Procedures and Conditions of Contracts)

Volume II – Works Requirements (Specifications)

Volume III – Price Bid

Volume IV – Works Requirements: Drawings

“Standard Basic Specifications (Civil and Structural Works) for Water Supply Works Contracts” is also part of Bid Documents.

### iii) **Closing Date of Bid Submission**

The closing date for submission of bid document, Volume 1 (including PQ - Initial Filter), Volume 2, Volume 3 and Volume 4 was initially 7<sup>th</sup> May 2019 up to up to 15.00 Hours, which was extended subsequently to 14<sup>th</sup> May 2019 up to 15.00 Hours.

**The envelope -1** consisting of Technical Bid (including PQ - Initial Filter) was opened on 14<sup>th</sup> May 2019 at 15:30 Hours in the presence of the bidders’ representatives at the office of the Chief Engineer (K), BWSSB, 5<sup>th</sup> Floor, Cauvery Bhavan, K.G. Road, Bengaluru, 560 009.

### iv) **Bidding Process**

The Bangalore Water Supply and Sewerage Board (BWSSB) in conjunction with its consultants, Consortium of Oriental Consultants Global Co. Ltd. Japan (OC Global), NJS Engineers India Pvt Ltd, India (NJSEI), Tata Consulting Engineers Limited, India

(TCE) In Association with Black and Veatch (BV), had prepared the “Bid Documents” for Contract No. BWSSP (III) / JICA / CP-13 “Ground Level Reservoirs along Western Route [at Lingadernahalli (18 ML), Singapura (20 ML) Vasudevapura (11 ML), Chhokanahalli (65 ML)] ”. The bid documents were approved by BWSSB and were concurred by JICA vide letter no. JICA (ID) 30 1259, dated 6<sup>th</sup> March 2019 prior to the invitation of bids.

Seven (7) bidders purchased the bid documents but only One (1) bid was received by 15.00 hours of 14<sup>th</sup> May 2019 in the office the Chief Engineer (K), BWSSB. Envelope-1 consisting of Technical bid was opened on the same day i.e. 14<sup>th</sup> May 2019 at 15:30 Hours in the presence of bidder’s representatives at the office of the Chief Engineer (K), BWSSB.

**v) Evaluation Criteria**

The bids were examined and assessed strictly in accordance with the “Pre-qualification Criteria”, related to following:

- a) Eligibility
  - b) Historical Contract Non- Performance
  - c) Financial Situation
  - d) General and Specific Construction Experience
- vi) Bidder is required to meet the minimum requirements stipulated in Volume 1 (including PQ - Initial Filter) of bid document and given in Chapter-2 for prequalification of the bids. Prior to the detailed evaluation, a preliminary examination was conducted to verify the completeness of the bid in terms of Bidding Documents fee and availability of the required forms to be submitted along with other documents.
- vii) After prequalification evaluation, it was observed that the Bidder M/s Standard Infratech India Private Limited – M/s DRS Infratech Private Limited (JV) [M/s SIPL-DRSITPL (JV)] passed the qualifying criteria.
- viii) The bidder is then considered for determination of substantial responsiveness. After detailed examination is it found that the bidder is substantial responsive to the bidding requirements and price proposal of the bidder shall be opened by BWSSB after completing the necessary procedural requirements.

**ix) Financial Bid Evaluation**

Based on the concurrence of JICA, vide letter no. JICA (ID) – 2019 - / 33 dated 24<sup>th</sup> June 2019, bidder was requested to attend the office of the Chief Engineer (K), BWSSB for the opening of Price Bid on 26<sup>th</sup> June 2019 at 11.00 hours, vide letter no. BWSSB/CE(K)/ACE(K)-1/TA-11/666/2019-20 dated 25<sup>th</sup> June 2019. The price bid was opened on 26<sup>th</sup> June 2019 in the presence of the representative of the bidder and the bid price was read out. The Bid Price (As Read Out) is attached in Appendix–C.

The evaluated bid price after arithmetic correction, discount offered and after excluding Provisional sum, Physical contingencies is worked out as Rs. 1,409,421,940 which is 22.43% higher than the Engineer's Estimates. The award of contract to the bidder SHIPL-DRSITPL shall be given after the approval of competent authority and on concurrence from JICA.



**PART - 1: PREQUALIFICATION EVALUATION (INITIAL FILTER)**

## CHAPTER-1

### INTRODUCTION

#### 1.1 Background

The Bangalore Water Supply and Sewerage Board, the Executing Agency, for the Bengaluru Water Supply and Sewerage Project (Phase 3), has received ODA loan from Japan International Cooperation Agency (JICA), in the amount of 45,000 Million Yen toward the cost of the Bengaluru Water Supply and Sewerage Project (Phase 3), vide Loan Agreement no ID-P266 dated 24<sup>th</sup> January 2018 and intends to apply a portion of the proceeds of these loans to payments under the Contract BWSSP (III) /JICA /CP-13): “Ground Level Reservoirs along Western Route [Lingadernahalli (18 ML), Singapura (20 ML) Vasudevpura (11 ML), Chhokanahalli (65 ML)]. Disbursement of the ODA Loan by JICA will be subject in all respects to the terms and conditions of the Loan Agreement, including the disbursement procedures and the "Guidelines for Procurement under JICA ODA Loans”.

The Chief Engineer (K), Bangalore Water Supply and Sewerage Board (BWSSB) intends to prequalify Bidders for the above Contract.

The project area is located in and around Bengaluru City, the capital of State of Karnataka in India. The prequalification is open to firms and voluntarily formed Joint Ventures from all countries and territories.

#### 1.2 Prequalification Identification

Notice for inviting Bids was published in the following newspapers and also uploaded to the BWSSB website <http://www.bwssb.gov.in> on 6<sup>th</sup> March 2019.

- i) Times of India
- ii) Indian Express
- iii) Prajavani (Local)

The Bid Inviting notice published in newspaper is given in **Appendix-A**.

The bid documents were made available from 7<sup>th</sup> March 2019 to 6<sup>th</sup> May 2019 up to 15.00 hours. The closing date for submission of bid documents was initially 7<sup>th</sup> May 2019 up to 15.00 hours, which was extended subsequently to 14<sup>th</sup> May 2019 up to 15.00 hours.

Prebid meeting was held at 11:00 A. M. on 15<sup>th</sup> April 2019 at the office of the Chief Engineer (K), BWSSB, 5th Floor, Cauvery Bhavan, K.G. Road, Bengaluru, 560 009. Queries/Suggestions were received from prospective Bidders and subsequently clarifications and Addenda were issued on 2<sup>nd</sup> May 2019 and also made available on website of BWSSB. The general information regarding Bid Document for Contract No. BWSSP (III) / JICA / CP-13 is presented in Table- 1.1.

**Table - 1.1 Identification of Contract BWSSP (III) / JICA / CP-13**

1.1 Name of Borrower	The President, Government of India (GoI) for Bengaluru Water Supply and Sewerage Project (Phase 3)
1.2 Loan Agreement (L/A) number	ID-P266
1.3 Date of effectiveness of L/A	24 <sup>th</sup> January 2018
1.4 Closing date of Application Submission (a) original (b) revised	7 <sup>th</sup> May 2019 14 <sup>th</sup> May 2019
1.5 Name of project	Bengaluru Water Supply and Sewerage Project (Phase 3)
1.6 Executing Agency (or other organization responsible for purchase or employment) (a) name (b) address	(a) Bangalore Water Supply and Sewerage Board (BWSSB) (b) The Chief Engineer (K), BWSSB, 5th Floor, Cauvery Bhavan, K.G. Road, Bengaluru - 560 009 Karnataka, India
1.7 Contract identification	BWSSP (III) / JICA / CP-13
1.8 Contract type (check one)	Lump-sum / <b>Unit-price</b> <input checked="" type="checkbox"/> / Other
1.9 Contract description	Ground Level Reservoirs along Western Route [at Lingadernahalli (18 ML), Singapura (20 ML) Vasudevapura (11 ML), Chhokanahalli (65 ML)]

1.10 Method of procurement (check one)	ICB	<b>LCB</b> ✓	Other
1.11 Fixed price contract (check one)	Yes	<b>No</b> ✓	
1.12 Co-financing for the Contract, if any: (a) agency name  (b) percent financed by agency	(a) Bangalore Water Supply and Sewerage Board (BWSSB) and Govt of Karnataka (GoK)  (b) 15%		
1.13 Bidding Procedures	Single-Stage: One-Envelope <b>Single-Stage: Two-Envelope</b> ✓ Two-Stage		

### 1.3 Prequalification Evaluation Committee

This prequalification evaluation is executed by the Project Management Consultants (PMC) and presented to Tender Scrutiny Committee (Technical) of BWSSB on 25<sup>th</sup> May 2019. The committee is comprising of the following officers.

Sl No.	Officers	Position in the Committee
1	Senior most Additional Chief Engineer	Chairman
2	Additional Chief Engineer (WWM)-1	Member
3	Additional Chief Engineer (Projects)-2	Member
4	Additional Chief Engineer (NRW)	Member
5	Additional Chief Engineer (WWM)-2	Member
6	Additional Chief Engineer (M)-4	Member
7	Additional Chief Engineer (Kaveri)-1	Member
8	Additional Chief Engineer (Kaveri)-2	Member
9	Additional Chief Engineer (QA)	Member
10	Additional Chief Engineer (M)-1	Member
11	Additional Chief Engineer (M)-2	Member
12	Additional Chief Engineer (M)-3	Member
13	Additional Chief Engineer (M&P)-5	Member
14	Account Officer (Tax)	Member

The Bid Evaluation Report (Initial Filter) and recommendation of PMC were reviewed and examined by the committee during the meeting held on 25<sup>th</sup> May 2019. The Report was accepted by the committee and further recommended for approval of competent authority of BWSSB. The recommendations were accepted and approved by the competent authority.

#### 1.4 Prequalification Process

A Prequalification (Initial Filter) process is, in principle, required for selecting potential bidders for large scale contract or contracts with complex and highly specialized services under JICA ODA Loans. The objective of prequalification is to ensure the opening of technical bid of qualified bidders only.

The prequalification (Initial Filter) process has been conducted strictly as per the JICA norms and the evaluation procedure is presented in Figure 1. Table 1.2 provides the details of Prequalification process and Examination of completeness of Bids is given in Table 1.3.

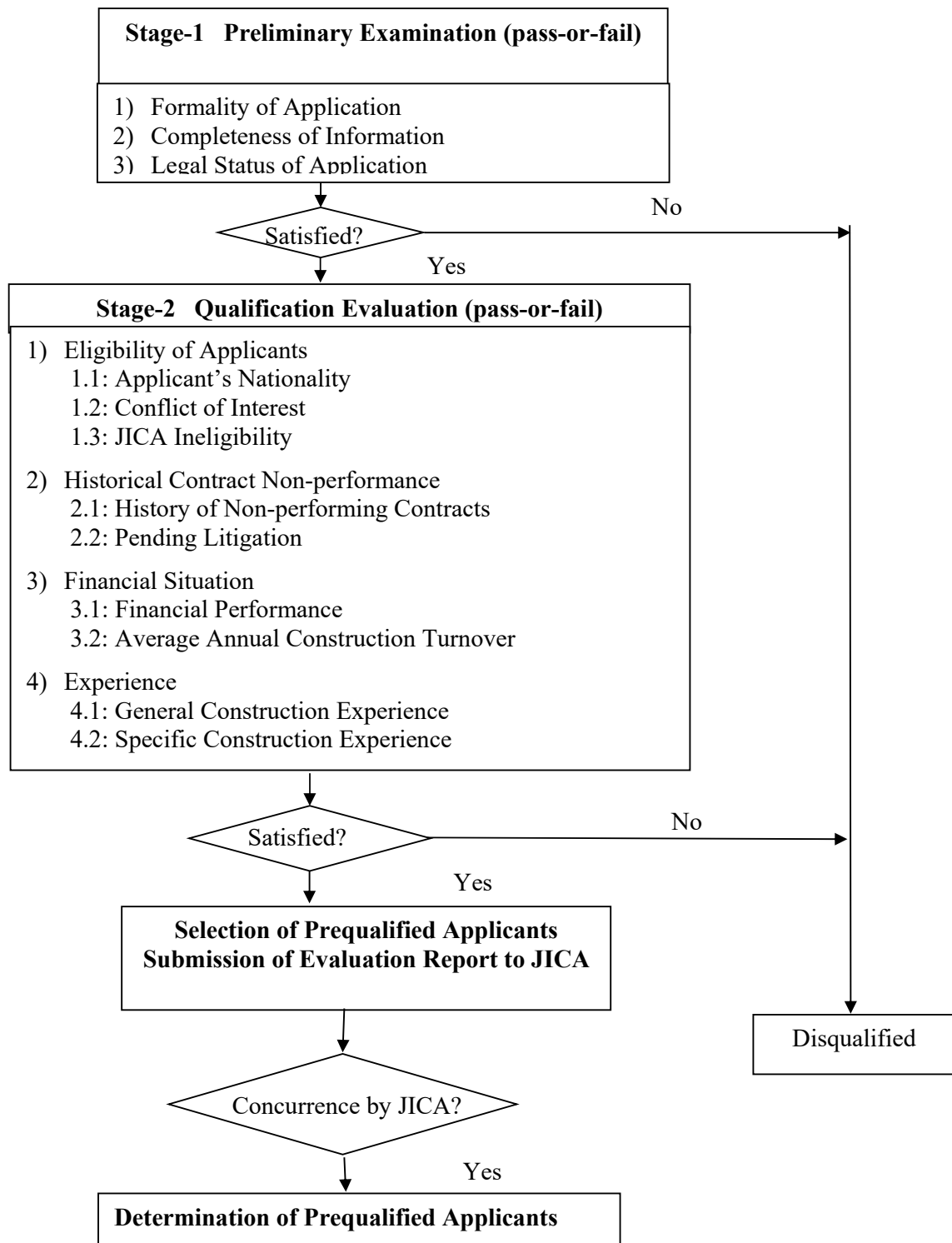
**Table - 1.2 Prequalification Process for Contract BWSSP (III) / JICA / CP-13**

2.1 Invitation for prequalification	
(a) first issue date	(a) 6 <sup>th</sup> March 2019
(b) latest update	(b) NA
(c) name of newspaper	(c) Times of India, Indian Express and Prajavani
(d) date of copy sent to JICA	(d) 20 <sup>th</sup> Feb 2019
2.2 Prequalification Document	
(a) title, publication date	(a) Contract No. BWSSP (III) / JICA / CP-13, 6 <sup>th</sup> March 2019
(b) date of JICA's concurrence, if necessary	(b) 6 <sup>th</sup> March 2019
(c) date of issue to Applicants	(c) 7 <sup>th</sup> March 2019
2.3 Number of firms which purchased documents	Seven (7)
2.4 Amendments to documents (if any)	Addendum No. 1, 2 and 3
(a) list all issue dates	1. 2 <sup>nd</sup> April 2019 (Addendum No. 1) 2. 2 <sup>nd</sup> May 2019 (Addendum No. 2 & 3)
(b) date(s) of JICA's concurrence	1. NA                      2. NA
2.5 Bidders 'submission deadline	
(a) original date, time	(a) 7 <sup>th</sup> May 2019
(b) extensions, if any	(b) 14 <sup>th</sup> May 2019
2.6 Number of applications submitted	One (1)

Table 1.3 Examination of completeness of Bids

<b>Bidder's Name</b>	:	<b>Standard Infratech India Private Limited – DRS Infratech Private Limited (JV) (M/s SIPL-DRSITPL (JV))</b>
<b>JV</b>	:	Yes
<b>Lead</b>		<b>M/s Standard Infratech India Private Limited (SIPL)</b>
<b>Partner</b>	:	<b>M/s DRS Infratech Pvt. Limited (DRSITPL)</b>
<b>Lead Share</b>	:	75%
<b>Partner Share</b>		25%
<b>Authorized Signatory</b>	:	Mr. M Sesha Reddy, Managing Director, Standard Infratech India Private Limited
<b>Continuous Page Numbering Provided?</b>	:	Yes
<b>All the documents are in English language? (If original document is in any other language, translation in English language attached?)</b>	:	Yes
<b>Bid Security in accordance with ITB 19</b>	:	Yes
i. Amount (INR)		24,000,000
ii. Shape		Bank Guarantee, ICICI Bank Limited, Prakash Nagar, Begumpet, Hyderabad
iii. Reference & Date		No. 0008BGFD000820; dated 10 <sup>th</sup> May 2019
iv. Validity		08 <sup>th</sup> December 2019
<b>Written Confirmation authorizing the signatory in accordance with ITB 20.2: Original Power of Attorney</b>	:	Yes
<b>In case of Joint Venture, a copy of the intent to form Joint Venture agreement entered into by the Joint Venture partners;</b>	:	Copy of JV attached, Page no. 210
<b>Statement from the Bidder (and each member of a Joint Venture) in accordance with Clause 4 Section I: Instructions to Bidders</b>	:	Yes
<b>Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans (Form ACK), which shall be signed and dated by the Bidder's authorized representative</b>	:	Yes

**Figure 1 Prequalification Evaluation Procedure for Contracts (Flow Chart)**



## CHAPTER -2

### PRELIMINARY EXAMINATION

#### 2.1 Prequalification Documents

One (1) Bid was received before 15:00 hours on 14<sup>th</sup> May 2019 at the office of the Chief Engineer (K), BWSSB and Technical bid was opened on the same day at 15:30 hours in presence of the Bidder's representative, Consultants and BWSSB officials in the office of Chief Engineer (K). The detail of Bidder is shown below:

SINo.	Bidder Name and Address	Origin Country of Applicant	Individual/ Joint Venture
1	<b>M/s SI IPL-DRSITPL (JV)</b> M/s. Standard Infratech India Private Limited (Lead Firm) M/s. DRS Infratech Private. Limited (Partner Firm) Standard House, Plot no-10&46, MIG-2, 9 <sup>th</sup> Phase, KPHB colony, Kukatpally, Hyderabad-500 085. <a href="tel:040-23153457/58/59">Tel:040-23153457/58/59</a> Fax: 040-23150129 E-mail: <a href="mailto:standardinfratech@gmail.com">standardinfratech@gmail.com</a>	India	Joint Venture

Bid documents were then handed over to the consultants for undertaking evaluation. The general information of Bidder has been presented in Table –1.3.

#### 2.2 Verification

The verification process includes checking of Documents for compliance to the following points.

- (a) Authorized Sign
- (b) Power of Attorney for Authorized Person
- (c) Joint Venture Agreements



### **2.2.1 Authorized Sign**

As per Clause 20 of ITB, the original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. The written confirmation of authorization to sign on behalf of the Bidder shall consist of: Original Power of Attorney (legally valid) authorizing the signatory of the bid to commit for the bidder, signed by their legally authorized representatives.

The Bid submitted by M/s SIPL-DRSITPL (JV) is signed by their legally authorized representative.

### **2.2.2 Power of Attorney for Authorized Person**

Person signing the Bid shall have the original power of attorney given by the Bidder to be attached with the Bid.

The Bidder M/s SIPL-DRSITPL (JV) has provided original Power of Attorney for Authorized Person.

### **2.2.3 Joint Venture Agreements**

In the case of a JV, all members shall be legally liable, jointly and severally, during bidding and execution of the contract in accordance with the Contract terms. The JV shall nominate a Representative who shall have the authority to conduct all business for and on behalf of any and all the members of the JV during the bidding process and, in the event the JV is awarded the Contract, during contract execution.

In addition to the requirements under ITB 11.2, Bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members.

The Bidder has furnished required JV agreement and Power of Attorney documents.

## **2.3 Completeness of Bids**

After opening the envelopes, the completeness of the Bids submitted by the Bidder was checked and examined. The Bid Documents stipulate that failure to provide information and/or supporting documents which are essential to evaluate the Bidder's qualifications, or to provide timely clarification or substantiation of the information supplied, may result in disqualification of the Bidder.

All the documents submitted by the Bidder is found in order.

## **2.4 Eligibility**

The status and eligibility of the Bidder is examined by checking the documentation required as per Bidding Documents, Authorized Signatory, Original Power of Attorney of the Authorized Person and Joint Venture details.

As per ITB 4.4 and 3.1 of Bid Document, the Bidder shall be from an eligible source country and free from conflict of interest as per ITB 4.2 of Bid Document. The Bidder shall not be ineligible by JICA in respect of "Fraud and corruption" Policy of JICA, as per “Form ACK: Acknowledgement of Compliance with Guidelines for Procurement under Japanese ODA Loans of Bid document”.

All the documents furnished by the Bidder is found in order.

## **2.5 Preliminary Examination Results**

The details of preliminary examination of Bidder is presented in Table-2.1. The only Bidder who has submitted Bid is deemed satisfactory and passed for detailed evaluation.

**Table - 2.1. Preliminary Pass-Fail Examination of Bidder**

<b>Name of Applicant</b>	<b>Country</b>	<b>Date of Submission of Application</b>	<b>Completeness, Verification of Documentation</b>	<b>Eligibility</b>	<b>JV Requirements</b>	<b>Explanation</b>
M/s Standard Infratech India Private Limited – M/s DRS Infratech Private Limited (JV)	Place of incorporation and place of registration in India	14 <sup>th</sup> May 2019	In order	Pass	In order	Passed Preliminary Examination

## CHAPTER -3

### QUALIFICATION EVALUATION

The prequalification evaluation criteria for the Contract has been reviewed and cleared by Technical committee of BWSSB. The qualification criterion was set in Section III of Bidding Documents.

#### **3.1 Eligibility**

##### *3.1.1 Nationality*

As per ITB 4.3, a Bidder, and all members constituting the Bidder, shall be from any of the eligible source countries as indicated in Section V, Eligible Source Countries of Japanese ODA Loans.

*Bidder has submitted Form ELI –1 and as per the form Nationality is Indian.*

##### *3.1.2 Conflict of Interest*

As per ITB 4.2, a Bidder shall not have a conflict of interest. A Bidder shall not be employed under any of the circumstances set forth below, where it is determined to have a conflict of interest throughout the bidding/selection process and/or the execution of the contract unless the conflict has been resolved in a manner acceptable to JICA.

*Bidder is complied with the stipulated clause and as per Letter of Technical Bid.*

##### *3.1.3 JICA Ineligibility*

A Bidder that has been determined to be ineligible by JICA in accordance with ITB 3.1 shall not be eligible to be awarded a contract.

*The Bidder is eligible as per Form ACK.*

#### **3.2 Historical Contract Non-Performance**

##### *3.2.1 History of non-performing Contracts*

Non-performance of a contract<sup>1</sup> did not occur as a result of contractor's default since 1st Jan 2017

*Bidder has indicated the same as NIL as per Form CON. Hence, the Bidder meets criteria.*

### 3.2.2 Pending Litigation

The Bidder shall submit along with, the application details of all pending litigation. The maximum possible legal liability arising out of all the pending litigation should not exceed 50% of Net Worth of the Bidder and all pending litigation shall be treated as resolved against the Bidder.

*Bidder has indicated the pending litigation history as NIL as per Form CON. The Bidder meets criteria.*

## 3.3 Financial Situation

### 3.3.1 Financial Performance

Submission of audited balance sheets, or if not required by the law of the Bidder's country, other financial statements acceptable to the Employer, for the last five (5) years to demonstrate the current soundness of the Bidder's financial position and its prospective long-term profitability.

As the minimum requirement, Bidder's net worth should be positive.

The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as INR 245 Million for the subject contract (s) net of the Bidders other commitments.

The Bidder should not be currently under any Insolvency Bankruptcy Code (IBC) resolution process at National Company Law Tribunal (NCLT) Or

Should not have undergone any Corporate Debt Restructuring (CDR) mode in the past two years from the date of submission of the bid.

*The financial positions of the Bidder were evaluated in terms of current net worth and source of financing i.e. liquid assets, lines of credit from Banks and other sources. Bidder has submitted net worth certificates from CA and net worth is positive for last five years.*

*The Bidder M/s SIPL and M/s DRSITPL has furnished Banker certificates from ICICI Bank, Hyderabad with credit facility of INR 270 Millions and Karnataka Bank, Hyderabad with credit facility of INR 250 Million respectively.*

*The Bidder meets the criteria specified in the Bid documents.*

*The Bidder SIPL-DRSITPL (JV) has furnished CDR certificates from CA showing that both*

*the JV firms have not undergone any Corporate Debt Restructuring (CDR) in the past two years from the date of submission of bid. The Bidder meets the criteria.*

### **3.3.2 Average Annual Construction Turnover**

Bidder shall have minimum average annual construction turnover of INR 982 Million calculated as total certified payments received for contracts in progress and / or completed, within the last 5 years, divided by 5 years.

*Average Annual Turnover of SIPL and DRSITPL are INR 1368 Million and INR 753 Million respectively as indicated in Form FIN –2 and certificates from CA. The JV partners meet the minimum criteria individually as well as overall turnover requirement.*

## **3.4 Experience**

### **3.4.1 General Construction Experience**

Bidder shall have experience under construction contracts in the role of prime contractor (single entity or JV member), subcontractor, or management contractor for normally at least the last 5 years.

*The Bidder has furnished the experience under construction contracts in the Form EXP – 2.4.1: General Experience. The Bidder meets the criteria.*

### **3.4.2 Specific Construction Experience**

The Bidder shall have experience in the role of prime contractor (single entity or JV member) for experience in Construction, Testing, and commissioning minimum (i) One (1) no. RCC Ground Level Reservoir of at least 40 ML capacity successfully completed in the last 10 years, Or

(ii) Two (2) no. RCC Ground Level Reservoirs of at least 25 ML capacity successfully completed in the last 10 years

All the above Works should have been completed and commissioned during last Ten (10) years as on date of submission of Bid.

*The Bidder SIPL-DRSITPL (JV) has furnished the experience of M/s DRSITPL of 120 ML RCC reservoir executed in 2014 under the project “Laying of 1000 mm dia. DI pipeline from Kavour to MSEZL and Construction of 10 ML and 120 ML Reservoirs at MSEZL including allied Electro-mechanical works” for the Client - Mangalore SEZ Limited.*

*The Bidder (JV) meets the qualification criteria.*

### **3.5 Result of Detailed Assessment**

The results of the detailed assessment are summarized in Table – 3.1.

**Table – 3.1 Qualification Evaluation Summary  
(Pass-Fail Criteria)**

Eligibility and Qualification Criteria			Compliance Requirements				Pass-Fail Results of Applications	Comments/ Explanations
No.	Factor /Sub-Factor	Requirement	Single Entity	Joint Venture (existing or intended)			SIPL-DRSITPL (JV)	
				All Parties Combined	Each Member	One Member		
2.1 Eligibility								
2.1.1	Nationality	Nationality in accordance with ITB 4.3.	Must meet requirement	N/A	Must meet requirement	N/A	Pass	Nationality is Indian as per Form ELI –1
2.1.2	Conflict of Interest	No conflicts of interests as described in ITB 4.2.	Must meet requirement	N/A	Must meet requirement	N/A	Pass	Complied with the stipulated clause and as per Letter of Technical Bid
2.1.3	JICA ineligibility	Not having been declared ineligible by JICA as described in ITB 4.4.	Must meet requirement	N/A	Must meet requirement	N/A	Pass	Complied as per Letter of Technical Bid Form ACK



Eligibility and Qualification Criteria			Compliance Requirements				Pass-Fail Results of Applications	Comments/ Explanations
No.	Factor/ Sub-Factor	Requirement	Single Entity	Joint Venture (existing or intended)			SI IPL-DRSITPL (JV)	
				All Parties Combined	Each Member	One Member		
2.2 Historical Contract Non-Performance								
2.2.1	History of non-performing Contracts	Non-performance of a contract <sup>1</sup> did not occur as a result of contractor’s default since 1 <sup>st</sup> Jan 2017	Must meet requirement	N/A	Must meet requirement	N/A	Pass	NIL as per Form CON
2.2.2	Pending Litigation	The Bidder shall submit along with, the application details of all pending litigation. The maximum possible legal liability arising out of all the pending litigation should not exceed 50% of Net Worth of the Bidder and all pending litigation shall be treated as resolved against the Bidder.	Must meet requirement	N/A	Must meet requirement	N/A	Pass	NIL as per Form CON
2.2.3	Litigation History	The Bidder shall submit details that demonstrate no consistent history of Court/ arbitral award decisions against the Bidder since 1st January 2014.	Must meet requirement <sup>(ii)</sup>	N/A	Must meet requirement	N/A	Pass	NIL as per Form CON

Eligibility and Qualification Criteria			Compliance Requirements				Pass-Fail Results of Applications	Comments/ Explanations
No.	Factor/ Sub-Factor	Requirement	Single Entity	Joint Venture (existing or intended)			SIPL-DRSITPL (JV)	
				All Parties Combined	Each Member	One Member		
2.3 Financial Situation								
2.3.1	Financial Performance	Submission of audited balance sheets, or if not required by the law of the Bidder’s country, other financial statements acceptable to the Employer, for the last five (5) years to demonstrate the current soundness of the Bidder’s financial position and its prospective long-term profitability.  As the minimum requirement, Bidder’s net worth calculated as the difference between total assets and total liabilities should be positive.	Must meet requirement	N/A	Must meet requirement	N/A	Pass	Net worth is positive for last five years.

Eligibility and Qualification Criteria			Compliance Requirements				Pass-Fail Results of Applications	Comments/ Explanations
No.	Factor/ Sub-Factor	Requirement	Single Entity	Joint Venture (existing or intended)			SIPL- DRSITPL (JV)	
				All Parties Combined	Each Member	One Member		
2.3.2	<b>Average Annual Construction Turnover</b>	Minimum average annual construction turnover of INR 982 Million calculated as total certified payments received for contracts in progress and / or completed, within the last 5 years, divided by 5 years.	Must meet requirement	Must meet requirement	Must meet 25% of the requirement	Must meet 40 % of the requirement	Pass	Average Annual Turnover of SIPL and DRSITPL are INR 1368 Million and INR 753 Million respectively as indicated in Form FIN –2 and certificates from CA. The Bidder (JV) meets the criteria.
2.3.3	<b>Financial Resources</b>	(i) The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means (independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as INR 245 Million for the	Must meet requirement	Must meet requirement	Must meet 25% of the requirement	Must meet 40 % of the requirement	Pass	Both the JV Firms have furnished Banker certificates (ICICI Bank, Hyderabad. Credit facility INR 270 Millions) and Karnataka Bank, Hyderabad, INR 25 Millions) as furnished in Form FIR –1

Eligibility and Qualification Criteria			Compliance Requirements				Pass-Fail Results of Applications	Comments/ Explanations
No.	Factor/ Sub-Factor	Requirement	Single Entity	Joint Venture (existing or intended)			SIPL-DRSITPL (JV)	
				All Parties Combined	Each Member	One Member		
		subject contract(s) net of the Bidders other commitments.						
		(ii) The Bidder shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments.	Must meet requirement	Must meet requirement	N/A	N/A	Pass	Bidder has furnished the information in FIR - 2
2.3.4	Financial Performance (Insolvency Bankruptcy Code)	The Bidder should not be currently under any Insolvency Bankruptcy Code (IBC) resolution process at National Company Law Tribunal (NCLT) Or Should not have undergone any corporate debt restructuring (CDR) mode in the past two years from the date of submission of the bid.	Must meet requirement	N/A	must meet requirement	N/A	Pass	Both the JV partners furnished CDR certificates from CA.

Eligibility and Qualification Criteria			Compliance Requirements				Pass-Fail Results of Applications	Comments/ Explanations
No.	Factor/ Sub-Factor	Requirement	Single Entity	Joint Venture (existing or intended)			SIPL- DRSITPL (JV)	
				All Parties Combined	Each Member	One Member		
2.4 Experience								
2.4.1	General Construction Experience	Experience under construction contracts in the role of prime contractor (single entity or JV member), subcontractor, or management contractor for normally at least the last 5 years	Must meet requirement	N/A	Must meet requirement	N/A	Pass	Both the JV firms furnished the experience in Form EXP – 2.4.1 and certificates from the employers.
2.4.2 (a)	Specific Construction Experience - RCC Ground Level Reservoir	The Bidder shall have experience in the role of prime contractor (single entity or JV member) for experience in Construction, Testing, and commissioning minimum (i) One (1) no. RCC Ground Level Reservoir of at least 40 ML capacity successfully completed in the last 10 years, or  (ii) Two (2) no. RCC Ground Level Reservoirs of at least 25 ML capacity successfully	Must meet requirement	Must meet requirement	N/A	N/A	Pass	DRSIPL has furnished the experience of 120 ML RCC reservoir for Mangalore SEZ Limited.

Eligibility and Qualification Criteria			Compliance Requirements				Pass-Fail Results of Applications	Comments/ Explanations
No.	Factor/ Sub-Factor	Requirement	Single Entity	Joint Venture (existing or intended)			SIPL- DRSITPL (JV)	
				All Parties Combined	Each Member	One Member		
		completed in the last 10 years  All the above Works should have been completed and commissioned during last Ten (10) years as on date of submission of Bid.						

## CHAPTER 4

### PROPOSED PREQUALIFICATION DECISION

#### 4.1 Prequalification Decision

Based on the detailed assessment the Bidder has fulfilled the requirement of prequalification and the decision is presented in Table - 4.1

**Table 4.1**  
**Proposed Prequalification Decision**

1.	<b>Prequalified Bidder</b>	
	<b>SIPL-DRSITPL (JV)</b> M/s. Standard Infratech India Private Limited (Lead Firm) M/s. DRS Infratech Private Limited (Partner Firm)	
2.	<b>Disqualified Bidder</b>	
	<b>Bidder's Name</b>	<b>Reasons for Rejection</b>
	NA	NA

## **PART – 2: TECHNICAL BID EVALUATION**



## CHAPTER – 5

### DETERMINATION OF SUBSTANTIAL RESPONSIVENESS

#### 5.0 Determination of Substantial Responsiveness

One (1) Bid was received for the Contract Package CP-13 and it is evaluated. The Bidder SIIPPL-DRSITPL (JV) is qualified for determination of substantial responsiveness based on the preliminary examination of Bid.

#### 5.1 Substantial Responsiveness to Commercial Terms and Conditions

The bid was checked for substantial responsiveness to the commercial terms and conditions of the bidding documents.

##### 5.1.1 Authorized Sign to Bid Form

As per the Clause No. 20 “Format and Signing of Bid” of ITB, the original and all copies of the Bid shall be typed or written in indelible ink and shall be signed by a person duly authorized to sign on behalf of the Bidder. The name and position held by each person signing the authorization must be typed or printed below the signature. All pages of the Bid where entries or amendments have been made shall be signed or initialed by the person signing the Bid.

According to the above clause, the Form of Technical Proposal, all the pages of the bid, all entries or amendments and the bid forms submitted by the bidder was signed by authorized person on behalf of the bidder. The necessary original / notarized copy of the Power of Attorney is also attached with the bid.

##### 5.1.2 Eligibility

The eligibility of bidder is examined in Section 3.1 (Part-1) and the bidder is qualifying eligible criteria.

##### 5.1.3 Bid Security

As per the Clause No. 19 of ITB the bidder shall furnish as a part of its Bid, a bid security in the amount of INR 24,000,000 (Indian Rupees Twenty Four Million only) in the form of a

bank guarantee from a bank, approved by Reserve Bank of India (RBI), in favour of the Chief Engineer (K), “Bangalore Water Supply and Sewerage Board”.

The bidder has provided the Bid Security in the form of Bank Guarantee and the details of same are presented in Table 1.3 of Part-1.

#### 5.1.4 Bid Validity

As per the Clause No. 18, “Period of Validity of Bids”, of ITB the Bids shall remain valid for a period of 120 days from the last date of submission of Bids.

The last date of submission of bids was on 14<sup>th</sup> May 2019, hence it is presumed that it will be valid for 120 days i.e. up to 11<sup>th</sup> Sept 2019.

#### 5.1.5 Time for Completion

The Conditions of Contract stipulates the time for completion of works is within 30 months from the date of Notice to Commence issued by BWSSB.

#### 5.1.6 Conditionality

The Bid Document submitted by the bidder is without any material deviation or reservation as stipulated in bid documents and conform to all terms, conditions and specifications.

### **5.2 Substantial Responsiveness to Technical Requirements**

The bid was checked for substantial responsiveness to the technical requirements of the bidding documents are as follows:

#### 5.2.1 Scope of Work

The Scope of Work for the Contract is specified in the Volume II, Section VI – Work Requirement, “Project Information” of the Bid Documents. The scope of works are as follows:

- Civil works of 18 ML capacity ground level reservoir at Lingadernahalli
- Civil works of 20 ML capacity ground level at Singapura
- Civil works of 11 ML capacity ground level at Vasudevapura

- Civil works of 65 ML capacity ground level at Chhokanahalli
- Miscellaneous civil works, civil works for site development works such as compound wall, site grading, compound gates, road works, laying of MS pipes and concrete pipelines, pavement, drainage, water supply and sanitary works for all the above three locations.
- Construction of precast concrete compound wall.
- Demolition & reconstruction of existing compound wall, demolition of existing buildings or any other existing structures which are required to be cleared for execution of the work with prior approval of the Engineer.
- Mechanical and instrumentation works which include supply, erection and commissioning of sluice gates, sluice valves, butterfly valves, chlorinator system and instrumentation equipment.
- Electrical works which include supply, erection, testing and commissioning of distribution boards, lighting, cabling, earthing and lighting protection system.

The Bidder has not mentioned any deviation from the Scope of Work as mentioned above.

#### 5.2.2 Quotation for Items in Package

Quotation for the items in the contract packages will be checked during the evaluation of price proposal. Hence, this requirement is not applicable at this stage.

#### 5.2.3 Technical Requirements

Bidders are required to provide complete information as requested in the following items of Technical Proposal.

- Site Organization
- Method Statement
- Mobilization Schedule
- Construction Schedule
- Safety Plan
- Proposed Personnel
- Equipment

#### **Site Organization**

The bidder has presented the Site Organization Chart for construction period. CVs of personnel for the key positions are also furnished by the bidders.

### **Method Statement**

The bidder has proposed methodology to be adopted for completing the works under the contract package, which includes descriptions of different activities, execution plans and safety plans.

### **Mobilization Schedule**

The bidder has provided number of equipment, procurement of labour and materials but not furnished any bar chart. The Bidder was requested to furnish bar-chart indicating mobilization of equipment, labour and materials and the same has been submitted by the Bidder.

### **Construction Schedule**

The bidder has presented proposed Construction Schedule in the form of bar-chart indicating the time required for different activities. *The total time period for construction is 30 months, however, the bidder has indicated construction schedule for a period of 24 months which is well within the timeline.*

### **Safety Plan**

The bidder has presented their Safety plan and responsibility for the contract package.

### **Proposed Personnel**

The bidder has furnished list of key personnel as per the requirement of the bidding documents in Form PER – 1, along with their CVs in the prescribed format as per Form PER – 2. As per the requirement of bid documents the Bidder must meet the following criteria for the key positions:

No.	Position	Minimum Qualification	Total Experience (Years)	Experience in Similar Works (Years)	Number Required
1	Construction Project Manager	Graduate in Civil Engineering	15	5	1
2	Structural Engineer	Master Degree in Structural Engineering	10	5	1
3	Construction Project Engineer (Civil)	Graduate in Civil Engineering	10	5	3
4	Construction Project	Graduate in Mechanical	10	5	1

No.	Position	Minimum Qualification	Total Experience (Years)	Experience in Similar Works (Years)	Number Required
	Engineer (Mechanical)	Engineering			
5	Construction Project Engineer – Electrical / Instrumentation & Control (I&C)	Graduate in Electrical or Instrumentation & Control Engineering	10	5	1
6	Quality Assurance / Quality Control Engineer	Graduate in any Engineering Discipline	8	4	1
7	Health & Safety Engineer (Accident Prevention officer)	Diploma in construction safety accredited by BSS / Certified	5	2	1
8	Environmental Specialist	Degree in Environmental Engineering / Masters in Environmental Science	10	5	1

The bidder meets the requirement for all the above positions.

### **Equipment**

The bidder has furnished list of equipment along with the details as per Form EQU: Equipment.

The Bidder must demonstrate that it has the key construction equipment and facilities listed below:

Sl. No.	Equipment Type and Characteristics	Number Required (Nos)
1	Crane or Hydra (10 ton)	3
2	Loader cum back hoe (0.7 m <sup>3</sup> )	3
3	Excavators (1 m <sup>3</sup> )	3
4	Tipper/Dumper Trucks (10 m <sup>3</sup> )	3
5	DG Set (30 KVA)	3
6	Concrete Batching Plant-semi automatic (20 m <sup>3</sup> Capacity)	1
7	Dewatering pumps	3

*The bidder is meeting the criteria.*

### **5.3 Result of Substantial Responsiveness**

Based on the conditions and requirements described in Sections 5.1 and 5.2 above, the bids submitted by the bidder is satisfying the technical evaluation criteria and found to be substantially responsive. Hence, it is recommended that the price proposal can be opened by BWSSB after completing the necessary procedural requirements. The Technical Bid Evaluation Decision is presented in Table 5.1.

**Table 5.1 Technical Bid Evaluation Decision**

	<b>Technically Qualified Bidder</b>
	<b>(1) SIPL-DRSITPL (JV)</b> M/s. Standard Infratech India Private Limited (Lead Firm)- M/s. DRS Infratech Private Limited (Partner Firm)

### **PART – 3: PRICE BID EVALUATION**

## **CHAPTER 6**

### **DETAILED EXAMINATION OF BIDS**

#### **6.1 Price Bid Opening**

BWSSB has sent the Technical Bid Evaluation Report to JICA, vide letter no. BWSSB/CE(K)/ACE(K)-1/TA-11/AE-2/397/2019-20 dated 15<sup>th</sup> June 2019 for obtaining no objection from JICA for opening of Price Bid. Based on the concurrence of JICA, vide letter no. JICA (ID) – 2019 - / 33 dated 24<sup>th</sup> June 2019, bidder was requested to attend the office of the Chief Engineer (K), BWSSB for the opening of Price Bid on 26<sup>th</sup> June 2019 at 11.00 hours, vide letter no. BWSSB/CE(K)/ACE(K)-1/TA-11/666/2019-20 dated 25<sup>th</sup> June 2019. The price bid was opened on 26<sup>th</sup> June 2019 in the presence of the representative of the bidder and the bid price was read out. The quoted price of the bidder (As Read Out) is presented in Table-6.1. The opening of price bid in the presence of bidder and Bid Price (As Read Out) with the signature of bidder's representative is attached in Appendix–B and C respectively. The Read Out Bid Price is Rs. 158,91,44,620.

#### **6.2 Corrections for Errors**

In the quoted prices, arithmetic errors were noticed during detailed examination and the same is corrected as indicated below:

PART 2D: ELECTRICAL WORKS FOR GROUND LEVEL RESERVOIR AT  
CHHOKANAHALLI BILL OF QUANTITIES - XD: ELECTRICAL WORKS

Bid amount of Item no.10.11. (f) (Actual): Rs.22,572

Bid amount of Item no.10.11. (f) (Corrected): Rs.22,568

#### **6.3 Corrections for Provisional sums**

The provision for Provisional sum, Physical contingencies is provided as Rs. 76,240,000 and the same is excluded in determining the evaluated bid price.

#### **6.4 Modifications and Discounts**

No modifications were submitted by the Bidder to their original bids. Vide letter no. SIHPL/105/2019-20 dated 14.05.2019, the bidder has offered a discount of 6.84% over the



quoted amount, applicable uniformly to all items of rates quoted in the Bill of Quantities, including Schedule of Dayworks, excluding Provisional sum & Physical contingencies. After arithmetic correction and exclusion of Provisional sum & Physical contingencies amount of Rs. 76,240,000, the evaluated bid price is arrived as Rs. 1,409,421,940. The corrected evaluated bid price of the bidder is presented in Table-6.2.

## **6.5 Currency Conversion**

The bidding process is Local Competitive Bidding (LCB) and the Bidder has quoted price in Indian Rupees, currency conversion is not required as per ITB 34.1 of Bid Data Sheet.

## **6.6 Additions and Analysis of Prices**

### **6.6.1 Additions**

There were no Additions or Omissions found in the any of the bids Submitted by the bidder.

### **6.6.2 Analysis of Prices: Examination of Unbalanced Prices**

The breakup of price quoted by the Bidder for different Item of work has been presented in Table-6.3. The evaluated bid price is determined after excluding the Provisional sum, Physical contingencies. The table also shows Comparison of Quoted Price by the bidder with the Engineer's Estimate. The quoted price of the bidder is 22.43% higher than Engineer's Estimate for the year 2018-19. The Engineer's Estimate is based on BWSSB Schedule of Rates (SOR) and budgetary quotations received from some of the manufactures.

## **6.7 Priced Deviations**

### *6.7.1 Categorical Statements by Bidders*

### *6.7.2 Terms of Payment*

### *6.7.3 Time for Completion*

No priced deviations were found in the price bid submitted by the bidder for the Contract.

## **6.8 Adjustments**

No adjustments are required for the bid price.

## **6.9 Tender Scrutiny Committee (Finance)**

Tender Scrutiny Committee (Finance) constituted by BWSSB consists of following officers.

<b>Sl No.</b>	<b>Officers</b>	<b>Position in the Committee</b>
1	Mr. Ravi Kamalapurkar, Financial Adviser and Chief Account Officer (FA & CAO)	Chairman, TSC (F)
2	Mr. Kemparamaiah, Engineer – in – Chief (EIC)	Member, TSC (F)
3	Mr. Shivaprasad B, Chief Engineer – Project [CE(P)]	Member, TSC (F)
4	Mr. Nityanandakumar. E, Chief Engineer - Waste Water Management [CE (WWM)]	Member, TSC (F)
5	Mr. S. V. Ramesh, Chief Engineer - Kaveri [CE (K)]	Member, TSC (F)

**Table 6.1 Bid Prices (as Read Out)**

Bidder Identification			Read-out Bid Price(s)		Modifications or Comments <sup>1</sup>	Name of Representative	Signature
Name of Bidder (a)	City/State or Province (b)	Country (c)	Currency(ies) (d)	Amount(s) (e)			
M/s SIPL- DRSITPL (JV)	Hyderabad	India	INR	158,91,44,620	Discount: 6.84%	L. Krishna Reddy	Refer Appendix - C

<sup>1</sup> Describe any modifications to the read-out bid, such as discounts offered, withdrawals, and alternative bids.

**Table 6.2 Corrections and Unconditional Discounts**

Bidder  (a)	Read-out Bid Price(s)		Corrections		Corrected Bid Price(s)  (f) = (c) + (d) - (e)	Unconditional Discounts <sup>2</sup>		Corrected/Discounted Bid Price(s)  (i) = (f) - (h)
	Currency (ies) (b)	Amount(s) (c)	Computational Errors <sup>1</sup> (d)	Provisional Sums (e)		Percent (g)	Amount(s) (h)	
M/s SIPL-DRSITPL (JV)	INR	158,91,44,620	-4	76,240,000	1,512,904,616	6.84%	10,34,82,676	1,409,421,940

<sup>1</sup> Corrections in column *d* may be positive or negative.

<sup>2</sup> If the discount is offered as a percent, column *h* is normally the product of the amounts in columns *f* and *g*. If the discount is provided as an amount, it is entered directly in column *h*. A price increase is a negative discount.

**Table 6.3 Comparison of Quoted Price by the bidder with the Engineer's Estimate**

Item. No.	Description	Engineer's Estimate	M/s. SIPL - DRSITPL (JV)	Discount	Corrected Bid Price	% Variation of L1 with Respect to Engineer's Estimate	Remarks
		Amount in Rs.	Amount in Rs.	(%)	Amount in Rs.		
1)	Part 2A: Civil and Electro Mechanical Works for Ground Level Reservoir at Lingadernahalli	141,250,000	185,619,213	6.84	172,922,858.83	22.42	
2)	Part 2B: Civil and Electro Mechanical Works for Ground Level Reservoir at Singapura	417,420,000	552,810,503	6.84	514,998,264.59	23.38	
3)	Part 2C: Civil and Electro Mechanical Works for Ground Level Reservoir at Vasudevapura	118,480,000	155,460,043	6.84	144,826,576.06	22.24	
4)	Part 2D: Civil and Electro Mechanical Works for Ground Level Reservoir at Chhokanahalli	412,050,000	537,082,457	6.84	500,346,016.94	21.43	
5)	Total of Items 1, 2, 3 & 4	1,089,200,000	1,430,972,216		1,333,093,716		
6)	Schedule of Dayworks	62,000,000	81,932,400	6.84	76,328,223.84		
	<b>Evaluated Bid Price (Excluding Provisional Sum, Physical contingencies)</b>	<b>1,151,200,000</b>	<b>1,512,904,616</b>	<b>6.84</b>	<b>1,409,421,940</b>	<b>22.43</b>	
7)	Provisional Sum, Physical contingencies	76,240,000	76,240,000		76,240,000		
Total Bid Amount (Item 4 + 5 + 6)		<b>1,227,440,000</b>	<b>1,589,144,616</b>		<b>1,485,661,940</b>		
Ranking			<b>L1</b>				

**Table 6.4 Summary of comparison for item wise quoted price by the bidder with  
respect to Engineer's Estimate**

Bill No.	Description	Engineer's Estimate	M/s. SIHPL - DRSITPL (JV)	% Variation of L1 Bidder with Respect to Engineer's Estimate
		Amount in Rs.	Amount in Rs.	
<b>I</b>	<b>Earthworks</b>	<b>226,868,465</b>	<b>299,687,547</b>	<b>32.10</b>
<b>II</b>	<b>Concrete and Allied works</b>	<b>581,983,358</b>	<b>769,956,192</b>	<b>32.30</b>
<b>III</b>	<b>General Building Works</b>	<b>126,351,065</b>	<b>152,023,522</b>	<b>20.32</b>
<b>IV</b>	<b>Water Supply &amp; Sanitary Works</b>	<b>5,376,283</b>	<b>3,902,702</b>	<b>-27.41</b>
<b>V</b>	<b>Structural Steel Works</b>	<b>12,278,708</b>	<b>18,698,139</b>	<b>52.28</b>
<b>VI</b>	<b>Roadworks</b>	<b>47,550,840</b>	<b>72,577,819</b>	<b>52.63</b>
<b>VII</b>	<b>Pipeworks, Valves and Specials</b>	<b>31,938,547</b>	<b>42,165,770</b>	<b>32.02</b>
<b>VIII</b>	<b>Mechanical works</b>	<b>10,823,366</b>	<b>14,286,986</b>	<b>32.00</b>
<b>IX</b>	<b>Instrumentation works</b>	<b>7,552,022</b>	<b>8,947,427</b>	<b>18.48</b>
<b>X</b>	<b>Electrical works</b>	<b>4,642,093</b>	<b>6,141,436</b>	<b>32.30</b>
<b>XI</b>	<b>Miscellaneous works</b>	<b>26,332,057</b>	<b>32,686,765</b>	<b>24.13</b>
<b>XII</b>	<b>Office Building Works</b>	<b>7,503,915</b>	<b>9,897,911</b>	<b>31.90</b>
<b>Total</b>		<b>1,089,200,720</b>	<b>1,430,972,216</b>	<b>31.38</b>

**Table 6.5A Summary of comparison for GLR wise quoted price (for different items) by the bidder with respect to Engineer's Estimate – Chokkanahalli GLR**

Bill No.	Description	Engineer's Estimate	M/s. SIPL - DRSITPL (JV)	% Variation of L1 Bidder with Respect to Engineer's Estimate
		Amount in Rs.	Amount in Rs.	
<b>ID</b>	<b>Earthworks</b>	<b>13,162,165</b>	<b>17,476,133</b>	<b>32.78</b>
<b>IID</b>	<b>Concrete and Allied works</b>	<b>273,014,425</b>	<b>360,483,758</b>	<b>32.04</b>
<b>IIID</b>	<b>General Building Works</b>	<b>60,665,967</b>	<b>70,131,390</b>	<b>15.60</b>
<b>IVD</b>	<b>Water Supply &amp; Sanitary Works</b>	<b>1,359,461</b>	<b>938979</b>	<b>-30.93</b>
<b>VD</b>	<b>Structural Steel Works</b>	<b>4,583,077</b>	<b>6542640</b>	<b>42.76</b>
<b>VID</b>	<b>Roadworks</b>	<b>19,181,267</b>	<b>28,862,421</b>	<b>50.47</b>
<b>VIID</b>	<b>Pipeworks, Valves and Specials</b>	<b>11,518,364</b>	<b>15,207,532</b>	<b>32.03</b>
<b>VIID</b>	<b>Mechanical works</b>	<b>2,981,250</b>	<b>3,935,284</b>	<b>32.00</b>
<b>IXD</b>	<b>Instrumentation works</b>	<b>1,554,432</b>	<b>1793573</b>	<b>15.38</b>
<b>XD</b>	<b>Electrical works</b>	<b>1,341,064</b>	<b>1770630</b>	<b>32.03</b>
<b>XID</b>	<b>Miscellaneous works</b>	<b>15,183,028</b>	<b>20042206</b>	<b>32.00</b>
<b>XIID</b>	<b>Office Building Works</b>	<b>7,503,915</b>	<b>9,897,911</b>	<b>31.90</b>
<b>Total</b>		<b>412,048,415</b>	<b>537,082,457</b>	<b>30.34</b>

**Table 6.5B Summary of comparison for GLR wise quoted price (for different items) by the bidder with respect to Engineer's Estimate – Vasudevapura GLR**

Bill No.	Description	Engineer's Estimate	M/s. SIPL - DRSITPL (JV)	% Variation of L1 Bidder with Respect to Engineer's Estimate
		Amount in Rs.	Amount in Rs.	
IC	Earthworks	7,094,780	9,435,334	32.99
IIC	Concrete and Allied works	68,226,770	90,086,017	32.04
IIIC	General Building Works	18,167,111	20,747,148	14.20
IVC	Water Supply & Sanitary Works	1,328,681	920579	-30.71
VC	Structural Steel Works	1,827,034	2654403	45.28
VIC	Roadworks	9,696,164	15,853,736	63.51
VIIC	Pipeworks, Valves and Specials	4,067,585	5370407	32.03
VIIIC	Mechanical works	2,393,409	3159340	32.00
IXC	Instrumentation works	1,543,158	1778683	15.26
XC	Electrical works	1,092,810	1442938	32.04
XIC	Miscellaneous works	3,038,567	4011458	32.02
Total		118,476,068	155,460,043	31.22



**Table 6.5C Summary of comparison for GLR wise quoted price (for different items) by the bidder with respect to Engineer's Estimate – Singapura GLR**

Bill No.	Description	Engineer's Estimate	M/s. SHPL - DRSITPL (JV)	% Variation of L1 Bidder with Respect to Engineer's Estimate
		Amount in Rs.	Amount in Rs.	
IB	Earthworks	202,548,507	267386543	32.01
IIB	Concrete and Allied works	159,111,320	210083776	32.04
IIIB	General Building Works	24,426,336	31622839	29.46
IVB	Water Supply & Sanitary Works	1,328,681	920579	-30.71
VB	Structural Steel Works	2,955,999	5360496	81.34
VIB	Roadworks	12,450,600	18396031	47.75
VIIB	Pipeworks, Valves and Specials	6,128,804	8091302	32.02
VIIIB	Mechanical works	2,473,572	3265148	32.00
IXB	Instrumentation works	2,900,000	3581598	23.50
XB	Electrical works	1,210,000	1609796	33.04
XIB	Miscellaneous works	1,887,651	2492395	32.04
Total		417,421,469	552,810,503	32.43

**Table 6.5D Summary of comparison for GLR wise quoted price (for different items) by the bidder with respect to Engineer's Estimate – Lingadheranahalli GLR**

Bill No.	Description	Engineer's Estimate	M/s. SIPL - DRSITPL (JV)	% Variation of L1 Bidder with Respect to Engineer's Estimate
		Amount in Rs.	Amount in Rs.	
IA	Earthworks	4,063,013	5389537	32.65
IIA	Concrete and Allied works	81,630,844	109302641	33.90
IIIA	General Building Works	23,091,651	29522145	27.85
IVA	Water Supply & Sanitary Works	1,359,461	1122565	-17.43
VA	Structural Steel Works	2,912,598	4140600	42.16
VIA	Roadworks	6,222,810	9465631	52.11
VIIA	Pipeworks, Valves and Specials	10,223,795	13496529	32.01
VIIIA	Mechanical works	2,975,135	3927214	32.00
IXA	Instrumentation works	1,554,432	1793573	15.38
XA	Electrical works	998,220	1318072	32.04
XIA	Miscellaneous works	6,222,810	6140706	-1.32
Total		141,254,768	185619213	31.41

## CHAPTER 7

### DETERMINATION OF AWARD

#### 7.1 Cross-Discounts

The contract package is not slice and packages, hence, cross-discount is not applicable. However, the bidder has offered discount for individual package as mentioned in section 6.2 and Table 6.2.

#### 7.2 Qualification

The bidding process adopted was single stage, two envelope [Technical Bids (TB) with Initial Filter + Price Bids (FB)]. The bidder has met qualifying criteria specified in the bid documents. Bid was subjected to technical & financial evaluation process as per the qualifying criteria specified in the Instructions to Bidders and found substantially responsive to the requirements of bid documents.

#### 7.3 Alternative Bids

There is no provision in the bid documents for the bidder to submit alternative / revised bids.

#### 7.4 Proposed Award

The bid price quoted by the SI IPL-DRSITPL (JV) for the contract is 22.43% higher than Engineer's Estimates. The award of the contract can be given after prior approval from the competent authority and concurrence from JICA. The amount of the proposed award is presented in Table 7.1.

**Table 7.1 Proposed Contract Award**

1. Lowest evaluated responsive bidder (proposed for contract award). (a) name	<b>M/s SI IPL-DRSITPL (JV)</b> M/s. Standard Infratech India Private Limited (Lead Firm) M/s. DRS Infratech Private. Limited (Partner Firm)
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(b) address	Standard House, Plot no-10&46, MIG-2, 9 <sup>th</sup> Phase, KPHB colony, Kukatpally, Hyderabad-500 085. <a href="tel:040-23153457/58/59">Tel:040-23153457/58/59</a> Fax: 040-23150129 E-mail: <a href="mailto:standardinfratech@gmail.com">standardinfratech@gmail.com</a>	
2. If bid submitted from joint venture, list all partners, nationalities, and estimated shares of contract.	M/s. Standard Infratech India Private Limited (Lead Firm): 75% M/s. DRS Infratech Private. Limited (Partner Firm): 25%	
3. Principle country(ies) of origin of goods/materials.	India	
4. Estimated date (month, year) of contract signing.	July 2019	
5. Estimated delivery to project site/completion period.	30 Months	
	Currency(ies)	Amount(s)
6. Bid Price(s) (Read-out) <sup>1</sup>	INR	158,91,44,620
7. Corrections for Errors <sup>2</sup>	INR	-4
8. Discounts <sup>3</sup>	INR	10,34,82,676
9. Other Adjustments <sup>4</sup>	NA	
10. Proposed Award <sup>5</sup>	INR	1,485,661,940
11. Disbursement Category <sup>6</sup>	(A) Construction of Water Supply Facilities	

<sup>1</sup> From Table 6.2, columns *b* and *c*.

<sup>2</sup> From Table 6.2, column *d*.

<sup>3</sup> From Table 6.2, column *h*. Include any cross-discounts. See Section III-2, para. 5-1).

<sup>4</sup> All adjustments should be explained in detail.

<sup>5</sup> Sum of the prices in Items 6–9.

<sup>6</sup> From the Loan Agreement.

## **CHAPTER 8**

### **CONCLUSIONS AND RECOMMENDATIONS**

#### **8.1 Conclusions**

##### **8.1.1 General Conclusions**

The general conclusions that can be drawn for consideration of the bidder for the Contract are as follows:

- (a) The bidder meets the requirements of the General and Particular Conditions of Contract and no deviation from bid requirements has been indicated in the single bidder proposal.
- (b) The bidder has offered a discount as indicated in Table 6.2.
- (c) The Price Bid is checked arithmetically and corrected suitably. The final evaluated bid price excluding Provisional sum, Physical contingencies is worked out and presented in Table 6.2.
- (d) The bidder has quoted the bid price 22.43% higher when compared to the Engineer's Estimate.

#### **8.2 Conclusions on Bid Prices**


A comparative statement of rates and amounts of bill of quantities of the bidder has been made and summary of the items and amounts quoted has presented in Table-6.3 with the Engineer's Estimate. The percentage variation of evaluated bid price with the estimates for Contract is also indicated. The detailed comparison of item wise quoted price (for all the GLRs) by the bidder with respect to Engineer's Estimate is presented in Table 6.4. Also, GLR wise quoted price (for different items) by the bidder is presented in Table 6.5A, 6.5B, 6.5C and 6.5D.

#### **8.3 Recommendations**

It is recommended that the Price Bid Evaluation Report be forwarded to JICA for their concurrence and no objection to award the contract to M/s SIPL-DRSITPL (JV) whose bid has been determined to substantially responsive to the Bid.

APPENDIX-A

TENDER NOTIFICATION PUBLISHED IN NEWSPAPER

 **BANGALORE WATER SUPPLY AND SEWERAGE BOARD**  
Office of the Chief Engineer, Kaveri, 5th Floor, Cauvery Bhavan,  
K.G. Road, Bangalore-560 009. Phone / Fax : 91-080-22945103

**No. BWSSB/CE(K)/ ACE(K)-1/TA-11/2982/2018-19**      **Date: 06-03-2019**

**TENDER NOTIFICATION**  
Bengaluru Water Supply And Sewerage Project (Phase 3)  
(LCB) (JICA Loan ID – P266)

1. The Bangalore Water Supply and Sewerage Board has received an ODA loan from the Japan International Co-operation Agency (JICA) for Bengaluru Water Supply and Sewerage Project (Phase 3) vide Loan Agreement ID-P266, Dated 24th January 2018.
2. The Chief Engineer (K) BWSSB, invites sealed Bids for the Contract of **Ground Level Reservoirs along Western Route [Lingaderanahalli (18 ML), Singapura (20 ML), Vasudevapura (11 ML), Chokkanahalli (65 ML)] (Contract Package No. BWSSB (III)/JICA/CP-13).**
3. This project area is located in Bangalore Western Route (Lingaderanahalli, Singapura, Vasudevapura & Chokkanahalli) in the State of Karnataka, India.
4. Intending bidders can obtain hard copies of the Bid Documents, on submission of a written application with payment of non-refundable fee of INR 25,000/- + GST (5%) = INR 26,250/- (Indian Rupees Twenty Six Thousand Two Hundred and Fifty only)/-. The fee shall be payable in the form of a demand draft drawn in favour of The Chairman, BWSSB, Bangalore, drawn from a Nationalized / Scheduled Bank and payable at Bangalore. The Bidders can also download only Volume-I of Bid Documents from the website <http://www.bwssb.gov.in>
5. Bidders who require further information may be obtain the same from the Employer at the above address during working hours. Bid submission is acceptable only through Hard copy (Technical and Financial proposal) in sealed envelopes.
6. The hard copy of the bid documents will be available in this office from 07.03.2019.
7. The last date of submission of requisition for Blank tender form will be 06.05.2019 till 15.00 hrs.
8. The Hard copy Bids (Technical and Price Proposal) shall be submitted as per ITB on or before 15.00 hours on 07.05.2019.
9. Technical Bid opening date: 07.05.2019 at 15:30hrs.

**Sd/-**  
**Chief Engineer (Kaveri)**

**APPENDIX-B**  
**OPENING OF PRICE BID IN THE PRESENCE OF BIDDER**

COPY-2

**ENVELOPE 2 (PRICE-BID)**

NAME OF WORK: Ground Level Reservoirs along Western Route [at Lingadernahalli (18 ML), Singapura (20 ML) Vasudevapura (11 ML), Chhokanahalli (65 ML)]

Contract Package – BWSSP (III) / JICA / CP-13 ✓  
DO NOT OPEN ON OR BEFORE: 14.05.2019 AT 15:30HRS

Received on 14/5/19  
checked by me on 20/05/19  
20/5/2019

To,  
The Chief Engineer (K)  
BWSSB, Cauvery Bhavan, 5th Floor,  
K. G. Road,  
Bengaluru, Karnataka  
560 009 - India  
Telephone: +91-80-2294-5103  
Facsimile number: +91-80-2294-5103  
Electronic mail address: ceed@bwssb.gov.in

FROM, M/S SIPL-DRSITPL JV  
M/S, STANDARD INFRATECH INDIA PRIVATE LIMITED  
OFF: STANDARD HOUSE, PLOT NO. 10& 46 MIG-2,  
9<sup>TH</sup> PHASE, KPHB COLONY, KUKATPALLY,  
HYDERABAD- 500 072.  
Tel: 040-23153457, Fax: 040-23150129.  
Tel: 040-23153457, Fax: 040-23150129.

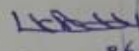
14/05/2019

**APPENDIX – C**  
**BID PRICES (AS READ OUT) – SIGNED BY BIDDER'S REPRESENTATIVE**

Bengaluru Water Supply and Sewerage Project (Phase-3)

**Table 4. Bid Prices (as Read Out)**

Contract Package: CP-13

Bidder Identification			Read-out Bid Price (s)		Modifications or Comments <sup>1</sup>	Name of Representative	Signature
Name of Bidder (a)	City/State or Province (b)	Country (c)	Currency(ies) (d)	Amount(s) (e)			
SIIP-DRSITPL (JV) M/s. Standard Infratech India Private Limited (Lead Firm)- M/s. DRS Infratech Private Limited (Partner Firm)	Hydrabad	India	INR	158,91,44,620/- Rebate 6.84% over tendered amount		L. KRISHNA NARAYAN	 26/6/19 L. Krishna Narayan
etc.							

<sup>1</sup> Describe any modifications to the read-out bid, such as discounts offered, withdrawals, and alternative bids. Note also the absence of any required bid security or other critical items. Refer also to Section III-2, para. 1 herein.