

PMC for 400 MLD SWRO Desalination Plant at Perur, Chennai

Consortium Partners



NJS



SMEC International Pty. Ltd. (ACN-065440619/FCRN-F01483)

NJS Engineers India Pvt Ltd, India (CIN - U74210PN2007PTC129798)

Tata Consulting Engineers Limited, India (CIN- U74210MH1999PLC123010)

SMEC (India) Pvt. Ltd. (CIN: U93000DL1997PTC088574)

Ref: SSNT PMC 400 MLD/ CMWSSB / 5061185/308

Date: 11th March 2021

To,
The Superintending Engineer (Desalination),
Chennai Metropolitan Water Supply and Sewerage Board,
Urban Administrative Building,
2nd floor, No.75, Santhome High Road,
MRC Nagar, Raja Annamalaipuram,
Chennai- 600 028 Tamil Nadu, India



Sub: Consultancy for "Design, Preparation of Bid Documents & Evaluation of Bids for the Proposed Construction of 400 MLD Capacity Seawater Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the Proposed Desalination Plant and its Product Water Conveyance Pipeline from the Plant and upto Porur and all allied works"
Replacement of Pipeline Engineer-1 (Non-Key / Local Expert and Non evaluation position) – Reg.

Ref: 1. SSNT PMC 400 MLD/ CMWSSB / 5061185/269, dated 10.02.2021
2. NJSEI Letter no. Ref: NJSEI/Chennai/002/2021, dated 103.03.2021
3. Your Letter No:CMWSSB/SE(Desal)/400 MLD Plant / PMC-018/2020, dated 10.09.2020
4. Our Contract Agreement with CMWSSB, dated 09.01.2020

Dear Sir,

This is to bring to your kind attention that the CV of Mr.Rahul N Ramdhan was approved by CMWSSB vide letter Ref 3. We mobilized him from 23.09.2020. However due to his personal family issues he could not continue his inputs for the project and was subsequently demobilized from 29.01.2021. In this regard we are hereby submitting the CV of Mr.K.Prabhat for the post of Pipeline Engineer-1. Please find enclosed the letter from M/s NJS Engineers India Pvt. Ltd. for replacement of below mentioned staff and details of CV of the proposed person for the subject project.

| Sl.No. | Position | Originally Proposed / 1 st Approval | Replacement Requested |
|--------|---------------------|---|-----------------------|
| 19 | Pipeline Engineer-1 | Mr.Chandra Sekhar Reddy Yedla / Mr.Rahul N Ramdhan | Mr.K.Prabhat |

These staff are available for immediate mobilization and early approval will help in delivering the services expeditiously.

Thanking you and assuring you of our best services always.

Yours truly,

For Consortium of SMEC International Pty Ltd-TCE Ltd.-NJS Engineers India Pvt. Ltd.-SMEC (India) Pvt. Ltd.

S.Srinivasarao
Project Coordinator

Encl: Letter from M/s NJS Engineers India Pvt. Ltd. with Curriculum Vitae and Comparison Statement

PMC Chennai Office Address:

13th Floor, Purva Primus, No 236, Okhiyampettai, Old Mahabalipuram
Road, Thoraipakkam, Chennai, Tamil Nadu 600097

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NJS ENGINEERS INDIA PVT. LTD.

18, Shailesh Society, Karvenagar, Pune 411052, Phone : 020-60501963
Fax : 020-25459533, Email: puneoffice@njsei.com,
CIN: U74210PN2007PTC129798

Ref : NJSEI/Chennai/002/2021

Dated : 10.03.2021

To,

The Superintending Engineer (Desalination),
Chennai Metropolitan Water Supply and Sewerage Board,
Urban Administrative Building, 2nd floor, No.75, Santhome High Road,
MRC Nagar, Raja Annamalaipuram,
Chennai- 600 028 Tamil Nadu, India

Sub: Consultancy for Design, Preparation of Bid Documents & Evaluation of Bids for the proposed construction of 400 MLD capacity Sea Water Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the Proposed Desalination Plant and its Product Water conveyance Pipeline from the Plant and upto Porur and all allied Works – **Replacement of Pipeline Engineer 1 (Non Key Expert) – Reg.**

Ref: 1. Our Letter No NJSEI/Chennai/001/2021 dated 09.02.2021
2. CMWSSB Letter No CMWSSB/SE(Desal)/400 MLD Plant/PMC-018/2020 dated 10.09.2020
3. Our Contract Agreement with CMWSSB, dated 09.01.2020

Dear Sir,

This is to bring to your kind attention that the CV of Mr Rahul N Ramdhan was approved by CMWSSB vide letter Ref 2. We mobilized him from 23.09.2020. However due to his personal family issues he could not continue his inputs for the project and was subsequently demobilized from 29.01.2021. The same was communicated to your kindself vide the letter Ref 1.

In this regard we are hereby submitting the CV of Mr K Prabhat for the post of Pipeline Engineer 1. We are also attaching the comparison statement with the previous candidates. Mr Prabhat is having extensive relevant experience and will surely provide valuable contribution to the project.

| Sl No. | Position | Originally Proposed / 1 st Approval | Replacement Requested |
|--------|---------------------|--|-----------------------|
| 19 | Pipeline Engineer 1 | Mr Chandra Sekhar Reddy Yedla / Mr Rahul N Ramdhan | Mr K Prabhat |
| | | | |

We request your kind approval in this regard at the earliest.

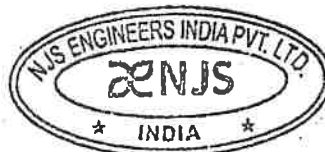
These staff are available for immediate mobilization and early approval will help in delivering the services expeditiously.

Thanking you for your kind consideration.

Very truly yours,

for NJS Engineers India Pvt Ltd (Member of Consortium)

Pradipto Sarkar
Pradipto Sarkar
Director



Enclosed : 1) CV of Mr K Prabhat
2) Comparison Statement

Delhi Office:

316/274, Ground Floor,
Saidulajab, Western Marg,
Garden of Five Senses Road,
New Delhi – 110 030
E-mail: delhioffice@njsei.com

Mumbai Office:

7th Floor, Gayatri Bhuvan, 90 Feet Road,
Opposite Municipal Ground & Surubhi Hotel,
Thakur Complex, Kandivali (East),
Mumbai 400 101,
Ph./Fax.: +91-22-28542325
E-mail: mumbaioffice@njsei.com

Bangalore Office:

MD Plaza, #51, 2nd Floor,
Opp. Veterinary College,
CBI Main Road, Bangaluru – 560 032
Ph.: 080 – 4113 1655
Email : bangaloreoffice@njsei.com

General:

| | | |
|---|---|---|
| Proposed Position | : | Pipe Line Engineer 1 |
| Name of Firm | : | NJS Engineers India |
| Name of Staff | : | K. Prabhat |
| Date of Birth | : | 14/10/1980 |
| Nationality | : | Indian |
| Years with Firm / Entity | : | - |
| Membership of Professional Associations | : | - |
| Countries of Work Experience | : | India |
| Detailed Task Assigned | : | Data collection , population projection & demand calculations, Zoning Hydraulic analysis of transmission main & distribution network & supervision of pipe line works etc., |

Education:

| Degree | Year of passing | University |
|--|-----------------|---|
| Master of Technology (Environmental Engineering) | 2006 | Pondicherry engineering college, Pondicherry, 2006. |
| B.Tech (Civil Engineering) | 2002 | Pondicherry engineering College, Pondicherry, 2002. |

Employment Record:

| From (Year) | To (Year) | Employer | Positions Held |
|-------------|-----------|--|------------------------|
| Feb2020 | Till Now | P & C Projects Private Limited. | Project Manager |
| Mar 2018 | Jan 2020 | Oryana Ventures Private Limited | Project Manager |
| Apr 2015 | Feb 2018 | Aqua Design India Private Limited | Deputy Project Manager |
| Jul 2013 | Mar 2015 | Hubert Enviro care systems Private Limited | Project Manager |
| Jun 2012 | May 2013 | Annai Swarnam Construction Private limited | Project Manager |
| Jan 2011 | May 2012 | NLC Nalco Water India Limited | Sr. Project Engineer |
| Oct 2006 | Dec 2010 | SPB Projects and consultancy Limited | Project Engineer |
| Jun 2002 | Jun 2004 | Annai Associates engineers and contractors | Site Supervisor |

Relevant Experience:

01. Name of Assignment or Project: Design, Supply and Construction of 120 MLD Sewage treatment Plant with SBR technology with Power Generation from Bio Gas

Year: Feb. 2020 to till date

Location: Chennai, Tamilnadu

Client: CMWSSB.

Main Project Features: To Treat 120 MLD generated sewage starting from screen removal system, Grit removal system, Sludge removal by Primary clarifier units and BOD/COD/Phosphorous/Nitrogen removal by adopting SBR technology and discharge of treated sewage with chlorination. Utilization of Power generated from Bio gas for operation of entire sewage treatment plant from sludge thickener, Sludge digester, and Bio gas holding tank, Bio gas engine and transformer.

Position held: Project Manager

Activities Performed: Responsible for site surveying, Selection of site, Preparation of PID, HFD and plant layout, Preparation of detailed engineering drawing for civil, mechanical and electrical works. Allocation of manpower, machineries, materials and staff for each unit. Preparation of reinforcement schedule, Quality control reports, Pour card , Bill of quantity, Overseeing earthwork excavation, concreting, shuttering, reinforcement, scaffolding, and safety measures, Hydro test, Laying of pipes, mechanical, electrical equipments. Stocking of materials. Assisting Purchase by choosing of equipments specification as per contract documents. Checking of sub contractors bills and Preparation of Abstract and Bill of measurements for Project payments. Assisting during commissioning for obtaining desirable quality parameters of treated sewage from every unit as per standards.

02. Name of Assignment or Project: Supplying drinking water for fluoride affected villages by installation of Fluoride removal technology approved by Ministry of Defense in Jamui District, Bihar.

Year: March 2018 to Jan 2020

Location: Jamui, Bihar

Client: Public Health Department, Patna, Bihar

Main Project Features: Removal of fluoride from Ground water by installation of fluoride removal system and laying of distribution pipeline DI and HDPE (45 km) with 5 LL OHT (8 nos) and installation of house service connection (4500 nos) for all houses in Lakshmipur mandal, Jamui district, Bihar.

Position held: Project Manager

Activities Performed: Selection of site, Getting approval for design and detailed engineering drawings, Fluoride removal technology from Ministry of Defense, Overseeing construction activities of Over head tanks and laying of distribution pipe line and house service connection, Liaisoning with village Panchayat. Test of pipelines and machineries, Signing of handing over reports. Maintain stocks report and purchasing of required pumps, pipes and fittings as per approved layout with respect to contract quality standards.

03. Name of Assignment or Project: Providing Comprehensive Water Supply Scheme in Surapet, Puthagaram, Kathirvedu, Vadaperumpakkam and Puzhal in Chennai city-59 crores.

Year: April 2015 to Feb 2018

Location: Chennai, Tamilnadu

Client: CMWSSB, Chennai

Main Project Features: Providing drinking water supply for all houses in and around Surapet, Puthagaram, Kathirvedu, Vadaperumpakkam and Puzhal area by construction of UGT with Pump house, Overhead tanks, Distribution Ductile iron pipeline and house service connection from Puzhal Water Treatment Plant.

Position held: Deputy Project Manager

Activities performed: Preparation of Project Planning Programme for Manpower, Machineries, Material and Construction activity, Maintain transmittal for approved drawing from Client, Assistance in procurement of all electro mechanical equipments, Arranging for Third party inspection factory visit and report submission for all electro mechanical equipments. Preparation of MB and following up of Payment. Testing of Pipeline and obtaining pipeline test report and maintaining the same. Supervision of construction of 8 LL & 1 LL UGT with Pump house, 50 LL & 7 LL OHT & Laying of Pipeline 165 KM ranging from 700 mm to 100 mm and house service connection (11000 nos). Maintaining work done status of Projects stage wise.

04. Name of Assignment or Project: Providing Water Supply scheme with Overhead Tank and Distribution System in Anagaputhur, Chennai- 18 Crores.

Year: April 2015 to Feb 2018

Location: Chennai, Tamilnadu

Client: : CMWSSB, Chennai

Main Project Features: Providing drinking water supply for all houses in and around Anagaputur area by construction of Pump house, Overhead tanks, Distribution Ductile iron pipeline and house service connection from Veeranam conveying Main.

Position held: Deputy Project Manager

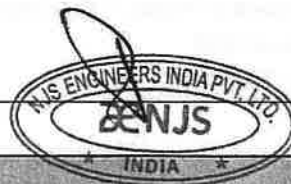
Activities performed: Preparation of Project Planning Programme for Manpower, Machineries, Material and Construction activity, Maintain transmittal for approved drawing from Client, Assistance in procurement of all electro mechanical equipments, Arranging for Third party inspection factory visit and report submission for all electro mechanical equipments. Preparation of MB and following up of Payment. Testing of Pipeline and obtaining pipeline test report and maintaining the same. Supervision of construction of UGT with Pump house, 17 LL OHT (2 nos) & Laying of DI and HDPE Pipeline 65 KM ranging from 500 mm to 100 mm and house service connection (6000 nos). Maintaining work done status of Projects stage wise.

05. Name of Assignment or Project: Laying of 700mm DI pipe line from KP Canal Uthukottai to Thervoykandigai reservoir, Chennai - 46 crores

Year: April 2015 to Feb 2018

Location: Chennai, Tamilnadu

Client: CMWSSB, Chennai



Main Project Features: Providing 700mm DI Pumping main (17 km) with Pump house, DG building cum MCC building , Admin block with laboratory from Thervoykandigai reservoir to discharge in KP canal, Uthukottai for conveying water to Sempampakkam reservoir during drought season.

Position held: Deputy Project Manager

Activities performed: Preparation of Monthly procurement plan for Pipe line, Supervision of construction of Pump house & Laying of Pipeline. Maintaining work done status of Projects stage wise. Arranging for Third party inspection factory visit and report submission for all electro mechanical equipments. Preparation of MB and following up of Payment. Testing of Pipeline and obtaining pipeline test report and maintaining the same.

06. Name of Assignment or Project: 4 MLD STP for Indian Institute of Technology, Chennai

Year: April 2015 to Feb 2018

Location: Chennai, Tamilnadu

Client: : CMWSSB, Chennai

Main Project Features: Installation of 4 MLD STP with SBR technology followed by Ultra filtration system for treating Generated Sewage in and around IIT Campus and utilization of treated sewage for flushing purposes, Gardening and construction purposes.

Position held: Deputy Manager

Activities performed: Project co ordination with Client, Preparation of monthly project status report. Obtaining approval for drawing from client and consultant. Preparation of technical specification for electro mechanical equipment and Obtaining approval for the same. Supervision of construction activity, erection of pipes and electro mechanical equipments.

07. Name of Assignment or Project: 1 MLD Effluent Treatment Plant for Cairn Energy India Limited, Surat, Gujarat.

Year: April 2015 to Feb 2018

Location: Surat, Gujarat

Client: Cairn Energy India Limited

Main Project Features: Installation of 1 MLD ETP with SBR technology followed by Dual media filter for treating process effluent and utilization of treated effluent for process water make up.

Position Held: Deputy Manager

Activities performed: Project co ordination with Client & supplier, Preparation of monthly project status report. Obtaining approval for drawing from client and consultant. Preparation of technical specification for electro mechanical equipment and Obtaining approval for the same. Supervision of construction activity, erection of pipes and electro mechanical equipments.

08. Name of Assignment or Project: 0.5 MLD Effluent Treatment Plant for Sterlite Industries, Tuticorin, Tamilnadu

Year: April 2015 to Feb 2018

Location: Tuticorin, Tamilnadu

Client: Sterlite Industries, Tuticorin.

Main Project Features: Installation of 0.5 MLD ETP with SBR technology followed by ultra filtration and RO Membrane and treating process effluent and utilization of treated effluent for Boiler feed water make up.

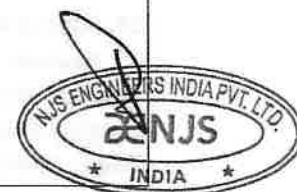
Position Held: Deputy Manager

Activities Performed: Project co ordination with Client with supplier, Preparation of monthly project status report. Obtaining approval for drawing from client and consultant. Preparation of technical specification for electro mechanical equipment and Obtaining approval for the same. Supervision of construction activity, erection of pipes and electro mechanical equipments.

09. Name of Assignment or Project: 7 MLD Sewage Treatment Plant for TWAD Board, Thiruvapur.

Year: July 2013 to March 2015

Location: Thiruvapur, Tamilnadu



Client: TWAD, Thiruvavur

Main Project Features: Construction 7 MLD STP with diffused aeration system and discharging the treated sewage for agricultural purposes in and around Thiruvavur area.

Position Held: Project Manager

Activities Performed: Responsible for site surveying, Selection of site, Preparation of layout, Preparation of detailed engineering drawing for civil, mechanical and electrical works. Allocation of manpower, machineries, materials and staff for each unit. Preparation of reinforcement schedule, Quality control reports, Pour card, Bill of quantity, Overseeing earthwork excavation, concreting, shuttering, reinforcement, scaffolding, and safety measures, hydro test, Laying of pipes, mechanical, electrical equipments. Stocking of materials. Assisting Purchase by choosing of equipments specification as per contract documents. Checking of sub contractors bills and Preparation of Abstract and Bill of measurements for Project payments. Assisting during commissioning for obtaining desirable quality parameters of treated sewage from every units as per standards

10. Name of Assignment or Project: 2 MLD Sewage Treatment Plant at Indian Institute of Information Technology, Kandigai, Chennai under CPWD

Year: July 2013 to March 2015

Location: Kandigai, Chennai

Client: IITM, Chennai

Main Project Features: : Installation of 2 MLD STP with diffused aeration system followed by Tube settler, Ultra filtration system for treating Generated Sewage in and around IITM Campus and utilization of treated sewage for flushing purposes, Gardening and construction purposes.

Position Held: Project Manager

Activities Performed: Responsible for site surveying, Selection of site, Preparation of layout, Preparation of detailed engineering drawing for civil, mechanical and electrical works. Allocation of manpower, machineries, materials and staff for each unit. Preparation of reinforcement schedule, Quality control reports, Pour card, Bill of quantity, Overseeing earthwork excavation, concreting, shuttering, reinforcement, scaffolding, and safety measures, hydro test, Laying of pipes, mechanical, electrical equipments. Stocking of materials. Assisting Purchase by choosing of equipments specification as per contract documents. Checking of sub contractors bills and Preparation of Abstract and Bill of measurements for Project payments. Assisting during commissioning for obtaining desirable quality parameters of treated sewage from every units as per standards

11. Name of Assignment or Project: 5 MT Bio Gas Generation Plant from segregated Municipal Solid Waste at Puliyanthooppu Garbage Transfer Station, Chennai Corporation, Chennai.

Year: July 2013 to March 2015

Location: Puliyanthooppu, Chennai

Client: Chennai Corporation

Main Project Features: Installation of 5 MT Bio gas generation plant and power generation from biogas and utilizing the power for lighting up street light in and around garbage transfer station.

Position Held: Project Manager

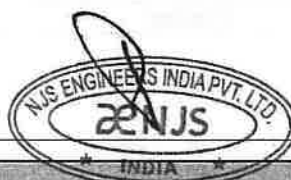
Activities Performed: Obtaining approval for drawing from Client and consultant (BAARC). Preparation of technical specification for electro mechanical equipment and Obtaining approval for the same. Supervision of construction activity, erection of pipes and electro mechanical equipments.

12. Name of Assignment or Project: Construction of LPG Storage yard, scrap yard, Paint shop, Axle plant, weighing bridge & compound wall for 10 km, Admin building (G +2) and canteen building, Heavy machine foundations for machine shop, Test track for Heavy Building construction Equipment and concrete roads in Expansion project phase II in caterpillar India Limited, Thiruvallur and School building aided by Caterpillar India Limited

Year: June 2012 to May 2013

Location: Thiruvallur, Tamilnadu

Client: Caterpillar India Limited



Main Project Features: Expansion of Construction activities for Expansion plan for increasing production capacity

Position Held: Project Manager

Activities Performed: Supervision of construction activity. Preparation of BOQ, Monitoring safety of Labours, Preparation of sub contractor bill and Project bill. Procurement of construction materials and maintaining the stocks record.

13. Name of Assignment or Project: Installation of 2 x 75 cum/hr Cooling Tower Effluent Treatment Plant in Jindal Energy Limited, Bellary, Karnataka.

Year: Jan 2011 to May 2013

Location: Bellary, Karnataka

Client: Jindal Energy Limited

Main Project Features: Installation of 2x75 cum/hr UF & RO system and utilizing the treated effluent for Bolier feed water make up

Position Held: Sr. Project Engineer

Activities Performed: Supervision of construction and erection all electro mechanical equipments and pipeline, HRSCC system, Multigrade filter, UF and RO system, Chemical dosing system, sludge handling units.

14. Name of Assignment or Project: Installation of 30 cum/hr Sewage Treatment Plant in Nokia SEZ Park, Chennai.

Year: Jan 2011 to May 2013

Location: Sriperumbudur, Chennai

Client: Nokia SEZ Park, Chennai

Main Project Features: Treating of 30 cum/hr Sewage and utilization of treated sewage for flushing purposes, Gardening and installation of Anerabic digester & utilizing the generated Bio gas for cooking in staff canteen.

Position Held: Sr. Project Engineer.

Activities Performed: Supervision of construction and erection all electro mechanical equipments and pipeline of Screening system, Oil & grease removal system, Primary clarifier, Anaerobic Digester, Multigrade filter and Chemical dosing system.

15. Name of Assignment or Project: Consultancy for installation of Water and Wastewater Treatment Plant upto the range of 60 MLD

Year: Oct 2006 to Dec 2010

Location: Chennai, Tamilnadu

Client: TNPL (Pugalur), ITC Paper mill (AP), West Coast Paper mill (Karnataka), Servalakshmi Paper mill (Thirunelveli), SPB Paper mill (Erode), BILT Paper Mill (Maharastra)

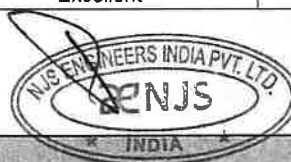
Main Project Features: Increasing of Paper Production capacity by mill expansion plan by installation of new equipments and machineries.

Position Held: Project Engineer

Activities Performed: Preparation of DPR for mill water drawal system, Preparation of mill water balance, Preparation of design and detailed engineering drawing for intake well, water drawal pipe line, Supervision of water drawal pipe line laying ranging from 350 mm to 700 mm from River intake station to mill reservoir, construction of WTP and ETP, Erection of pipeline for mill water distribution for process purpose, Pumps and electro mechanical equipments.

Language:

| Language | Read | Write | Speak |
|----------|-----------|-----------|-----------|
| English | Excellent | Excellent | Excellent |
| Tamil | Excellent | Excellent | Excellent |



Certification:

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describes my qualifications, my experience and me.



[Signature of staff member or authorized representative of the Firm]

Date: 10/03/2021

Day/Month/Year

Full name of staff member: K.Prabhat

Full name of authorized representative: Pradipto Sarkar

Project Name: Consultancy for "Design, Preparation of Bid Documents & Evaluation of Bids for the Proposed Construction of 400 MLD Capacity Seawater Reverse Osmosis Desalination Plant at Perur along East Coast Road, South of Chennai, Tamil Nadu and Construction Management & Supervision for the Proposed Desalination Plant and its Product Water Conveyance Pipeline from the Plant and upto Porur and all allied works"

Replacement of Pipe Line Engineer – 1 (National Local Expert B9) - Comparison Sheet: -

| Sl.No. | RfP Requirements | Original CV Evaluation | Replacement CV Evaluation | Proposed CV Evaluation |
|--------|--|---|--|---|
| 1 | Name | Mr. Chandra Shekhar Reddy Yedla | Mr. Rahul N Ramdhan | K.Prabath |
| 2 | Nationality | Indian | Indian | Indian |
| 3 | Educational Qualifications: ■ Graduate in Civil Engineering | <ul style="list-style-type: none"> • Masters in Environmental Engineering from IIT Roorkee, India in the year 2009. • Bachelor in Technology in Civil Engineering, from J.N.T.U. College of Engineering, India in the year 2007. • Overall, 10+ years of experience. | <ul style="list-style-type: none"> • Master of Technology (Environmental Engineering) from Visvesvaraya National Institute of Technology Nagpur in the year 2011. • Bachelor of Engineering (Civil Engineering) from Government Engineering College of Aurangabad (Dr. Babasaheb Ambedkar Marathwada University, Aurangabad) in the year 2008. • Overall, 9+ Years of Experience. | <ul style="list-style-type: none"> • M. Tech in Environmental engineering from Pondicherry engineering college, Pondicherry, 2006. • B.Tech in Civil Engineering from Pondicherry engineering College, Pondicherry, 2002 • Overall, 13+ Years of Experience. |
| 4 | Experience Criteria: ■ Minimum 5 years' experience | <ul style="list-style-type: none"> • Over 10 years of experience (5 years in SEZ projects in related to wet utilities buildings works) 1. 5 years of experience in SEZs / Hydrology 2. 5 years of experience in Water Supply sector | <ul style="list-style-type: none"> • Over 9 years of experience in water supply projects • Meets the requirement | <ul style="list-style-type: none"> • 12 years experience in Water Supply & Sewerage projects. • 1 year experience in Construction building. |
| 5 | Adequacy for the Assignment: Experience (in Construction | SEZ & Hydrology Projects: 5 years experience i. Hydrology study for Dubbak pipeline | Water Supply Projects: 9 years experience i. Panaji 24/7 Water Supply and Saint Inez Creek Rejuvenation Project- Design of water supply transmission | Water Supply & Sewerage projects: 12 years experience i. Design, Supply and Construction of 120 MLD Sewage treatment Plant with SBR technology with |



| Sl.No. | RfP Requirements Management & Supervision) | Original CV Evaluation | Replacement CV Evaluation | Proposed CV Evaluation |
|--------|---|--|---|------------------------|
| | <div><div><div>ii. South Dhahran home Ownership</div><div>iii. Clean fuels complex project</div><div>iv. Master Plan for SEZ – Water Supply & Sewerage</div></div><div><div>Water Supply Projects: 5 years' experience</div></div><div><div>i. DPR of water supply for Prakasam & Guntur districts</div><div>ii. Design of water supply for 5 no. towns in Karnataka state</div><div>iii. DPR of water supply for four no. towns in Bihar state.</div></div><div><div>➤ Not having supervision experience</div></div></div> | <div><div>lines and distribution lines are in the range of 100mm dia to 500 mm dia of HDPE and DI pipes.</div><div>ii. Project Management Consultant for Kota Smart City Project- Design of water supply transmission lines and distribution lines are in the range of 100mm dia to 400 mm dia of HDPE and DI pipes.</div><div>iii. Project Development and Management consultant for Area based Development Project for Amritsar Smart City- design of distribution network of various diameters 100 mm to 300 mm.</div><div>iv. Project Development and Management consultant for Area based Development Project for Kochi Smart City- design of distribution network of various diameters 100 mm to 500 mm.</div><div>v. Kolar Water Supply and Sewerage Project on Designing Network of Gravity Sewer line – review of network designs submitted by contractor. Diameters from 200mm to 500mm dia.</div><div>vi. Project Development and Management consultant for Area based Development Project for Jabalpur Smart City- Design of water supply transmission lines and distribution lines are in the range of 100mm dia to 800 mm dia of HDPE</div></div> | <div><div>Power Generation from Bio Gas- Preparation of PID, HFD and plant layout, Preparation of detailed engineering drawing for civil, mechanical and electrical works. Allocation of manpower, machineries, materials and staff for each unit and involving in laying of pipelines during construction.</div><div>ii. Supplying drinking water for fluoride affected villages by installation of Fluoride removal technology approved by Ministry of Defense in Jamui District, Bihar- design of transmission mains and distribution network. Involved in construction activities of Overhead tanks and laying of distribution pipe line and house service connection, Liaisoning with village Panchayat. Involved in Testing of pipelines and machineries.</div><div>iii. Providing Comprehensive Water Supply Scheme In Surapet, Puthagaram, Kathirvedu, Vadaperumpakkam and Puzhal in Chennai city- Involved in Design cum Supervision of construction of 8 LL & 1 LL UGT with Pump house, 50 LL & 7 LL OHT & Laying of Pipeline 165 KM ranging from 700 mm to 100 mm and house service connection</div></div> | |



| Sl.No. | RfP Requirements | Original CV Evaluation | Replacement CV Evaluation | Proposed CV Evaluation |
|--------|------------------|------------------------|---------------------------|---|
| | | | | <p>for the same. Supervision of construction activity, erection of pipes and electro mechanical equipment's.</p> <p>vii. 1 MLD Effluent Treatment Plant for Calrn Energy India Limited, Surat, Gujarat- Supervision of construction activity, erection of pipes and electro mechanical equipment's.</p> <p>viii. 0.5 MLD Effluent Treatment Plant for Sterilite Industries, Tuticorin, Tamilnadu- Supervision of construction activity, erection of pipes and electro mechanical equipment's</p> <p>ix. 7 MLD Sewage Treatment Plant for TWAD Board, Thiruvapur & 2 MLD Sewage Treatment Plant at Indian Institute of Information Technology, Kandigai, Chennai under CPWD.</p> <p>Preparation of layout and detailed engineering drawing for civil, mechanical and electrical works. Involved in concreting, shuttering, reinforcement, scaffolding, and safety measures, hydro test, Laying of pipes, mechanical, electrical equipment's.</p> <p>x. 5 MT Bio Gas Generation Plant from segregated Municipal Solid</p> |



| Sl.No. | RFP Requirements | Original CV Evaluation | Replacement CV Evaluation | Proposed CV Evaluation |
|--------|--|--|-----------------------------------|---|
| | | | | reservoir, construction of WTP. xiv. Construction of LPG Storage yard, scrap yard, Paint shop, Axle plant, weighing bridge & compound wall for 10 km, Admin building (G +2) and canteen building, Heavy machine foundations for machine shop, Test track for Heavy Building construction Equipment and concrete roads in Expansion project phase II in caterpillar India Limited, Thiruvallur and School building aided by Caterpillar India Limited |
| 6 | Familiarity with language & conditions of the Country Points | <ul style="list-style-type: none"> Moderate Experience in Indian Projects Having Experience in Saudi Arabia Projects | Worked in various states of India | <ul style="list-style-type: none"> Experience in Indian Projects Worked in various states of India |
| 7 | Familiarity with the Language (English) | Good | Very Good | Very Good |

