

EXPRESSION OF INTEREST FOR SUPPLY, INSTALLATION,
TESTING & COMMISSIONING OF FOUNTAIN
AT KRUSHI BHAWAN, BHUBANESWAR

BID ID NO- **640** DATE- **24/08/2022**

Executive Engineer (Agril)
Agriculture Engineering Division,
Nayagarh

**Executive Engineer (Agriculture)
Agriculture Engineering Division, Nayagarh**

**COVER – I
BID DOCUMENT**

NAME OF THE WORK : **INSTALLATION OF FOUNTAIN
AT KRUSHI BHAWAN, BHUBANESWAR**

ESTIMATED COST : **Rs.14,16,695.00 lakhs**

BID IDENTIFICATION NO : **640 Dt. 24/08/2022**

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**EXPRESSION OF INTEREST FOR SUPPLY, INSTALLATION,
TESTING & COMMISSIONING OF WATER FOUNTAIN IN KRUSHI BHAWAN CAMPUS,
KESHARI NAGAR, BHUBANESWAR**

Bid Id No. 640 Dated 24/08/2022

1. The Executive Engineer, Agriculture Engineering Division, Nayagarh invites Sealed Tenders from reputed Manufacturers/Suppliers for the following work in the Campus of Krushi Bhawan, Kesharinagar, Bhubaneswar in their own forms in two bids

Sl. No	Name of work	Estimated cost	EMD	Cost of Bid document	Period of completion
1	Supply, Installation, Testing and Commissioning of Water Fountain in the Campus of Krushi Bhawan, Kesharinagar, Bhubaneswar	Rs.14,16,695.00	Rs.14167.00	Rs. 6000/-	60 Days (Sixty days)

2. EOI documents consisting of specifications and the set of terms & conditions of contract and other necessary Documents can be downloaded from the website: www.tendersodisha.gov.in / agriodisha.nic.in.
3. Tender must be accompanied by Earnest Money Deposit and paper cost in shape of demand draft payable at Nayagarh from any Nationalized Bank in favour of “Executive Engineer (Agril.), Agriculture Engineering Division, Nayagarh”.
4. Tender must be accompanied with copies of Experience Certificate in similar nature of work and clearance certificate on GST,PAN and other relevant documents as specified in the Bid document.
5. The Tender documents will be available in the website: www.tendersodisha.gov.in / agriodisha.nic.in from 10.00 Hours of 30/08/2022 to 12/09/2022 Hours of 16:00 .
6. Sealed two part tenders super scribing the name of work are to be submitted to the Executive Engineer, Agriculture Engineering Division, Nayagarh through “SPEEDPOST/REGISTERED POST ” only . Tender papers will be received up to 17 Hours of dt.13/09/2022.
8. Technical Bids shall be opened at 14/09/2022 Hour on 11:00 in the office of Superintending Engineer, Agriculture, Central Zone, Satyanagar, Bhubaneswar

in the presence of bidders who wish to attend or their authorized representatives. If the office happens to be closed on the stipulated date of opening of Bids as specified, the bids will be opened on the next working day.

9. Interested parties may like to visit the site at Krushi Bhawan, Kesharinagar, Bhubaneswar on any working day between 10:30 Hours to 04:30 hours, at their own expenses with prior intimation. For the purpose they may contact the Executive Engineer (Agril.), at Krushi Bhawan, Bhubaneswar.
10. Other details can be seen in the bid documents.
12. The authority reserves the right to cancel any or all bids without assigning any reason thereof.

For details visit the website: www.tendersodisha.gov.in / agriodisha.nic.in.

Sd/-
(Er. Mahitosh Giri)
Executive Engineer (Agril)
Agriculture Engineering Division,
Nayagarh

Memo No. 641(5)

Date: 24/08/2022

Copy to:

1. The Superintending Engineer (Agriculture), Central Zone, Satyanagar, Bhubaneswar.
2. The Chief Engineer (Agriculture), O/o DA&FP(O), Bhubaneswar.
3. Director of Agriculture and Food Production-cum-Additional Secretary to the Government, Department of Ag. & FE, Odisha, Bhubaneswar.
4. Copy (alongwith CD & Soft copy through email) submitted to the Deputy Director (I&PR, Dept.), Bhubaneswar for information and necessary action. He is requested to publish in two leading daily Odia newspaper and one daily English newspaper on or before 29/08/2022
5. Copy submitted to Sr. Technical Director (NIC), Bhubaneswar for uploading the EOI, BoQ & DTCN in agriodisha.nic.in.

Sd/-
(Er. Mahitosh Giri)
Executive Engineer (Agril)
Agriculture Engineering Division,
Nayagarh

II
CONTRACT DATA

Sl.No.	Description	Details
	General Information	
1	Name of Work	Supply, installation, testing and commissioning of Fountain in the Campus of Krushi Bhawan, Kesharinagar, Bhubaneswar
2.	Head	Director of Agriculture & Food Production, Odisha, Bhubaneswar
3.	Tender inviting authority:	Executive Engineer, Agriculture Engineering Division, Bhubaneswar
4.	Estimated Cost:	Rs.14,16,695.00
	BID INFORMATION	
5.	Intended completion period/Time period assigned for completion	60days(SixtyDays)
6.	Last date & Time of Receipt of Bid	13/09/22 upto 17:00 hrs
7.	Cost of Bid Document	Rs.6000.00 (Rupees six thousand) only in shape of DD along with the tender document drawn on any nationalized bank in favour of Executive Engineer, Agriculture Engineering Division, Nayagarh payable at Nayagarh
8.	EMD	Rs. 14167.00 only in shape of DD drawn on any nationalized bank in favour of Executive Engineer, Agriculture Engineering Division, Nayagarh payable at Nayagarh.
9.	Bid validity period	90 days
10.	Currency of payment for contract	INR
11.	Language of contract	English

III
GENERAL TERMS AND CONDITIONS

- 1) The Tenderers are requested to give tender in their own forms in two bids i.e.

Part-I Technical Bid & Part-II Commercial Bid. Commercial Bids will be opened only of the Bidders who qualify in their Technical Bids.

- 2) a. The Equipments as indicated in the tender notice and the technical specification forming part of these tender documents are required to be installed in the Campus of Krushi Bhawan, Kesharinagar, Bhubaneswar . The tenderer or his representative can visit the site at Krushi Bhawan, Kesharinagar, Bhubaneswar and get complete information about the site and conditions.
- b. INSTALLATION: Bidders shall be responsible for installation/ demonstration wherever applicable and for after sales service during the warranty and thereafter.
- c. Installation and demonstration to be arranged by the supplier and the same isto be done within 60 days of issuing confirmed work order.
- d. Rates should be inclusive of all charges till commissioning and handing over.
- 3) Technical and Commercial Bid should be enclosed in separate covers superscribing Technical Bid and Commercial Bid as applicable and these covers should be enclosed in another cover super-scribing “Tender for supply ,Installation ,Testing and Commissioning of Water Fountains in the Campus of Krushi Bhawan, Kesharinagar, Bhubaneswar” . The tender number and date should be indicated on this cover.
- 4) Executive Engineer, Agriculture Engineering Division, Nayagarh will have the option to obtain details of the equipment, their performance, aftersales services etc. for evaluation of the tender, directly from the concerned organisations.
- 5) Tenders will be received through Speed Post/ Registered Post only on any working day up to 17 Hrs. dt 13/09/2022 .
- 6) The tenders must be clearly written or typed without any cancellation/corrections or overwriting .Corrections if any should be duly attested. Amounts should be mentioned both in figures and words. In case of any ambiguity, amounts mentioned in words will be taken as final.
- 7) The tenders will be addressed to the Executive Engineer (Agril.), Agriculture Engineering Division, Nayagarh. Technical bid shall be opened on 14/09/2022 at 11:00 hrs in the office of Superintending Engineer, Agriculture, Central Zone, Satyanagar, Bhubaneswar in the presence of tenderers or his authorized representative who wish to be present. The Commercial bids of tenderers who qualify on the basis of evaluation of technical bid will be informed the date for opening of commercial bid and those desirous to attend the opening of commercial bid can do so.

- 8) Executive Engineer(Agril.), Agriculture Engineering Division, Nayagarh will not be responsible
 - a. For delayed/late quotation submitted/sent by Post etc.
 - b. For submission/delivery of quotations at wrong places other than office of the Executive Engineer, Agriculture Engineering Division, Nayagarh
- 9) The tenders /quotations /offer should be valid for a period of 90(ninety days) from the date of opening the tender.
- 10) Profile and track record of the Manufacturing Company should be provided by the Company / Supplier. Copy of work order / completion certificate may be attached for consideration /Experience certificate from appropriate authority may be attached.
- 11) For continuity of Service and accountability, the Manufacturers must be IndianBased Registered Ltd Company, Manufacturing State of the art water effects and integrating with light.
- 15) The manufacturers should submit an undertaking to provide after sales service and maintenance for at least one year from the date of Installation.
- 16) The supplier has to provide required training to the staff deputed by DA&FP, Odisha so that they can operate the system independently .
- 17) Bidder is requested to quote his rates for all components, motors and other electrical accessories required. The details of the system have to be mentioned in the technical bid and rates are to be mentioned in the commercial bid.
- 18) Discount offered should be mentioned clearly in the commercial bid only.
- 19)
 - a. **Tenders not accompanied with Demand Draft towards EMD and paper cost will summarily be rejected.**
 - b. **Tenders which are submitted without following the Two-Bid Offer System will also not be considered.**
 - c. **The tender documents are to be duly signed by the bidder on all pages and to be forwarded along with the technical bid.**
- 20) If the supplier fails to Supply, Install and Commission the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidatory damages of one percent value of the Purchase Order awarded, per week delay subject to maximum of 10% for every week beyond the due date and such money will be deducted from any money due or which may become due to the supplier. The Purchaser will also have right to claim and recover the liquidatory damages by any and all means available.
- 21) Goods should not be dispatched until firm order is not received from Executive Engineer, Agriculture Engineering Division, Nayagarh.

- 22) The purpose of certain specific conditions is to get or procure best Equipment /service etc. The opinion of Technical Committee shall be guiding factor for Technical short listing.
- 23) Indicate page nos. on all pages of your quotation.
- 24) The suppliers who obtain the tender documents from other sources should attach the TENDER PAPER cost of Rs 6000/- in the form of Demand Draft separately with EMD along with the technical bid or else tender will be rejected.
- 25) **SELECTION OF TENDER:** The technical bid will be opened on 14/09/2022 at 11:00 hrs and evaluated by an Expert Committee. The expert committee will rank the Technical Bids and selected commercial bids will be opened after intimation to the concerned parties. The Expert Committee will have powers to negotiate the rates .After selection of one of the offers ,the selected party will be intimated to remit the Security Deposit and sign a contract agreement in the prescribed format by Executive Engineer, Agriculture Engineering Division, Nayagarh in a stamp paper of value Rs100/.

IV TECHNICAL

BID

- 1) Technical Bid should contain the complete specifications and technical details required for evaluation of the tender and the equipments offered. Following details should invariably form part of the technical bid.
 - a) Manufacturer's name, address, relevant Literature/Brochures of equipment shows, warranty terms list of installation and performance reports.
 - b) Earnest Money Deposit should be closed with the technical bid.
 - c) Terms and Conditions of Sale and Installation of equipment if any.
 - d) Authority letter in case the bidder is not the manufacturer.
 - e) Tender document signed and sealed on all pages.
 - f) The approximate dimensions of the packages and weight of consignment are to be indicated.
- 2) Details of service that will be needed for installation and further running of the system as well as after sales service offered should be clearly mentioned in the tender.
- 3) Technical Drawings should be complete in all respect to operate the system without any problem .If the manuals are on chargeable basis, the same should be specified in the offer (in commercial bid).
- 4) The Bidder has to state in detail the Electrical Power requirements, floor space, other structural details, foundation needed etc.
- 5) The power supply available at site is in single phase 210 volts 50 Hertz and three phase 415 volts, 50 Hertz alternating current supply system and all the equipments supplied should be made to operate in the above power supply system.
- 6) The Bidder is advised to visit the proposed site at Krushi Bhawan, Keshari Nagar, Bhubaneswar where the installations are to be carried out, before submitting their tender.
- 7) The supplier has to provide all hard ware and licensed software required for the running of fountains in the supplied systems. The details of such software and hardware must be indicated in the technical bid.
- 8) The details like address telephone number and name of the contact person of reputed Organization in India and Odisha in particular where the Bidder/Manufacturer has supplied the similar equipment if any be attached along with the satisfactory performance report of the equipments from the user Organization along with Technical Bid.

- 9) It is the duty of the supplier to ascertain that the system supplied by them has to fit to the existing area and function effectively and efficiently as per the specification.
- 10) The following documents showing technical details should be accompanied with the Technical bid.
 - a) Drawings for basic pools, pump room control room, filtration unit etc.
 - b) Technical details of the Electric pumps, pipe work and connections, valves manifolds, solenoid valves, regulating valves etc.
 - c) Details about the Water effects and its mountings, frames, fittings and connections etc.
 - d) Details about the Water proof wirings, lights and control panels etc.
 - e) Technical details about the Control panel.
 - f) Details about the Electrical supply wirings and panel details including load conditions
- 11) The technical bid should contain the following information.
 - a) Profile & Track Record of the Manufacturer Company. In case of Dealer who represent the manufacturing company shall furnish the same on behalf of the company
 - b) Copy of Memorandum of Articles/Articles of Association or bye laws.
 - c) Names of Board of Directors/Partners/Promoters, as applicable.
 - d) Details of Technical Staff and Administrative Staff with bio-data of key personnel.
 - e) Balance Sheet for last three financial years.
 - f) Photo Copy of PAN No. Issued by Income-Tax Department.
 - g) Photo Copy Commercial Tax Registration.
 - h) A Copy of the video CD/DVD for demonstrating relevant products with respect to Tender.
 - i) Complete Office address with relevant phone numbers of two key personnel representing Management, Design, Manufacturing ,Sales and After Sales Service Department should be submitted, without failure.

COMMERCIALBID

- 1)
 - i. **The cost of the items should be mentioned clearly in the Commercial Bid only. The supplier has to supply the required essential spares for trouble free running of the system for a period of two years apart from warranty period free of cost along with the consignment.**
 - ii. The equipment should have a life span of more than ten years. Hence Commercial offer should also contain rates for Comprehensive Annual Maintenance Contract (including all necessary spare parts, consumables and labour) and Non Comprehensive Annual Maintenance Contract (Labour only) for a period of three years after warranty. Free service after warranty period is preferred and has to be mentioned.
 - iii. AMC rates and prices of spare parts will also be taken into account for commercial evaluation of the tender. Any breakdown call during the currency of the contract has to be attended by the contractor.
 - iv. The supplier has to carry out the required maintenance works during the AMC period (post warranty period) as per the contract and if the supplier does not execute the work Executive Engineer, Agriculture Engineering Division, Nayagarh reserves the right to inform to Government to black list the bidder.
 - v. If the supplier /manufacturer have supplied identical or similar equipment to other organizations the details of such installations for the proceeding three years should be given together with the prices eventually or finally paid in the Commercial Bid.
- 2) The offer should contain the Basic Price and Percentage of Excise Duty , GST and other applicable levies should be shown separately. The rates should be inclusive of all charges for reaching the equipment to Bhubaneswar, Odisha.

VI PAYMENTTERMS

1. 50% cost of the equipment will be made after completion of 75% of works at site and on recommendation by Technical Committee constituted by the Chief Engineer, Agriculture, O/o DA&FP, Odisha, Bhubaneswar.
2. Balance 50% of the cost of the equipment and entire charges of installation if any will be paid on successful completion of the installation after certification of Acceptance of the equipment by Technical Committee constituted by the Chief Engineer, Agriculture, O/o DA&FP, Odisha, Bhubaneswar.
3. If Security Deposit and Contract Agreement are not furnished by the contractor, the balance 50% will be paid after expiry of warranty period after assessing the after sales service during warranty period.

VII WARRANTY

- 1) The equipment and system have an on Site warranty for trouble free performance for a period of minimum one year from the date of Installation/Commissioning and Acceptance by Technical Committee constituted by the Chief Engineer, Agriculture, O/o DA&FP, Odisha, Bhubaneswar. In case of any break down during warranty period for more than three days, the period of warranty will be extended by the period of break down during the warranty period.
- 2) The defects, if any, during the warranty period are to be rectified free of charges by arranging free replacement wherever necessary.
- 3) Details of onsite warranty, agency who shall maintain during warranty and undertake Annual Maintenance Contract/Comprehensive /non comprehensive Service Maintenance Contract beyond warranty shall be given in the offer.
- 4) The supply of spare parts is to be guaranteed at least for a period of ten years after the supply of equipment and the same need to be mentioned in the agreement.
- 5) After successful installation the supplier has to ensure minimum down time of equipment /instrument in case of break down. If the identified firm or person fails to put the system into working condition, Executive Engineer (Agril.), Agriculture Engineering Division, Nayagarh will have rights to claim damages from the Contractor. If the contractor fails to guarantee an uptime above 98% or fails to put back the equipment within seven days of break down, the warranty period/AMC period will be extended by the number of days in breakdown condition.

VIII
EARNESTMONEYDEPOSIT AND
SECURITYDEPOSIT

- A. The Cost of bid document Rs. 6000/- and Earnest Money Deposit of Rs 14,167/- must be accompanied with your technical bid in form of Separate Demand drafts in favour of Executive Engineer (Agril.), Agriculture Engineering Division, Nayagarh , payable at Nayagarh, otherwise technical and commercial bids will not be considered at all. The Earnest Money of successful bidder will be returned only after remitting the required security deposit. The EARNEST Money of the unsuccessful bidder whose technical bid has not been found suitable will be returned within seven days after award of contract. The EMD of L2 & L3 bidders will be returned after finalization of tender process.
- B. A sum of 5% value of contract shall be deposited by the successful bidder in shape of TDR / Bank guarantee of any Nationalized Schedule, Commercial Bank duly pledge in favour of Executive Engineer (Agril.), Agriculture Engineering Division, Nayagarh at the time of Agreement whose bid is accepted as Security Deposit. The security deposit will be refunded after the period of guarantee whenever applicable or final settlement of dues whichever is later.

IX ARBITRATION

In the case of any dispute or difference between the parties of the contract entered into, either during or after the completion of the work or after termination abandonment or breach of contract or as to the interpretation of the provisions of the contractor as to any matter of thing arising there under except as to any matter left to the discretion of Executive Engineer (Agril.) , Agriculture Engineering Division, Nayagarh under clauses of contract, such dispute or difference shall be referred to the Civil Courts of Nayagarh and the jurisdiction of such matters will be confirmed to the competent Courts and forum in Nayagarh.

X
SCOPE OF WORK

Design, Fabrication, Supply, Installation, Testing and Commissioning of Water Fountain including Training to Staff.

XI

SPECIFICATION OF WATER FOUNTAIN

1. Pool size: i) The size of the pool is 21'-0" X 17'-0" X 2'-0" (Upper Pool) and ii) The size of the pool is 64'-0" X 21'-0" X 5'-0" (Lower Pool) of Krushi Bhawan.
2. Pumps: Submersible or suitable pumps for getting the required water fountain. . The type, power, model, make and other specifications of the pumps should be mentioned.
3. Frame: The supporting stands of the fountain frame should be of suitable non corrosive sections. The materials and dimension details of the sections need to be mentioned.
4. Pipes : Using suitable non corrosive sections. The material and dimension details of the pipes need to be specified.
5. Nozzles: Nozzles should be of Brass or suitable non-corrosive metal for trouble free operation. The material and dimension details of the nozzles need to be specified. The total numbers of nozzles are to be specified.
6. Valves: Suitable valves for fountain and water effects. Total number of valves, their make and other specifications need to be specified.
7. Actuators: Electromechanical or equivalent. Total number of actuators, their make and other specifications need to be specified.
8. Water effects: Total number of water effects should be minimum 10 main movement and thirty three auxiliary movement. Rate of each of the water effects and their details should be specified separately.
9. Cables: ISI certified submersible cables or equivalent, suitable for the proper functioning of fountain. Their make and specification should be mentioned.
10. Lights: ISI certified submersible, water resistant warm yellow colored lights or equivalent lights . Total number of lights should be mentioned.
11. Control System: . All hardware and software are to be licensed and source/brains should be identified .The control system should be programmed CD/Hybrid. The specification of the computers and their sub systems and other components need to be clearly mentioned. There should be a user friendly GUI with provision for controlling all systems. The GUI should be capable of synchronization of fountain with new shows and training for carrying out the required work.

12. **Control Panel:** Suitable control panel for running the above. Details and specifications need to be specified with standard drawings.
13. **Safety Standards:** The entire system should conform to all safety standards demanded world wide .The details of all safety codes under which the system has to work are to be specified. The supplier has to furnish a Certificate in this regard.
14. **Manuals:** Elaborate instrument manuals in English should be supplied. The manuals should contain all mechanical, electrical and electronics diagrams following international standards and symbols. The system design of the computerization with its logical functioning should be explained in the manual.

LETTER OF ACCEPTANCE (LOA)

No. _____

Dated: _____

To,

M/s. _____

(Name and address of the
Contractor)

Subject: _____

(Name of the work as appearing in the bid for the work)

Dear Sir(s),

Your bid for the work mentioned above has been accepted on behalf of the Executive Engineer(Agril.), Agriculture Engineering Division, Nayagarh at your bided percentage below/above or at par the Bill of Quantities and item wise rates given therein.

You are requested to submit within15(Fifteen)days from the date of issue of this letter:

- a. The performance security/ performance guarantee of Rs. _____(in-figures) (Rupees _____in words only). The performance security shall be in the shape of term deposit receipt / bank guarantee of any nationalized / schedule commercial bank valid up to three months after the expiry of defects liability period.
- b. Sign the contract agreement.

Please notethatthetimeallowedforcarrying-outtheworkasenteredinthebidis _____months including/ excluding rainy season, shall be reckoned from the date of signing

the-contract agreement.

Signing the contract agreement shall be reckoned as intimation to commencement of work and no separate letter for commencement of work is required. Therefore, after signing of the agreement, you are directed to contact the Engineer-in-charge for taking the possession of site and necessary instructions to start the work.

Yours Faithfully

**Executive Engineer (Agril.),
Agriculture Engineering Division,
Nayagarh**

AGREEMENT

This agreement, made on the _____ day of _____ between:
_____ (name and address of Employer) (herein after called "the Employer) and
_____ (name and address of contractor) hereinafter
called "the Contractor" of the other part.

Whereas the Employer is desirous that the Contractor execute
_____ (name and identification number of Contract) (hereinafter
called "the Works") and the Employer has accepted the Bid by the Contractor for the execution and
completion of such Works and the remedying of any defects therein, at a cost of Rs.....

NOW THIS AGREEMENT WITNESSED as follows:

1. In this Agreement, words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and

completion of the Works and the remedying the defects wherein Contract Price or such other Sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz.
 - i. Letter of Acceptance
 - ii. Contractor's Bid
 - iii. Condition of Contract: General and Special -
 - iv. Contract Data
 - v. - Bid Data
 - vi. Drawings
 - vii. Bill of Quantities and
 - viii. Any other documents listed in the Contract Data as forming part of the Contract.

In witnessed where of the parties there to have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____ was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____ in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

BoQ for installation and commissioning of Fountain in KrushiBhawan Campus, Bhubaneswar

Sl. No.	Description of item	Quantity	Units	Rate
A .Foam Jet Water Castle Fountain:				
1	7.5 Hp mono-block submersible pump with cast body (Make :Kirloskar/KSB/equivalent) with necessary fittings	1	No.	
2	Outdoor Control Panel Box with Voltmeter, Ammeter, Contractor, single phase preventer, MCB, on/off push button switch, light operating system provision. (Component make: Siemens/equivalent)	1	Set	
3	1" Brass Foam Nozzle with Ball joint (Make: PREMIER/RES/similar)	12	Nos.	
4	1.5" Brass Foam Nozzle with Ball joint (Make: PREMIER/RES/equivalent)	1	No.	
5	Inter connecting UPVC pipe & Pipe fittings along with header (Make: Astral/Supreme/equivalent)	1	Lot	
6	10 watt Aluminum Warm Yellow LED underwater light, IP68 protected and 12VDC input, submersible up to 2 meter with clamp for easy installation	15	Nos.	
7	LED Power Supply (Make: Mean well/equivalent)	1	Nos.	
8	3 core 4 sq.mm cable and 4 core 1 sq.mm cable for electrical connections (Make: Finolex/ Mescab/ Equivalent)	1	Set	
9	Electrical, Hardware and other Fittings	1	Lot	
10	Freight, Installation & commissioning	1	Job	
B. Foam Jet wedding cake pattern Fountain:				
1	7.5 Hp mono-block submersible pump with cast body (Make : Kirloskar/equivalent)	4	No.	
2	Outdoor Control Panel Box with Voltmeter, Ammeter, Contractor, single phase preventer, MCB, on/off push button switch, light operating system provision. (Component make: Siemens/equivalent)	2	Set	
3	1/2" Brass Foam Nozzle with Ball joint (Make: PREMIER/RES/Equivalent)	88	Nos.	
4	1.5" Brass Foam Nozzle with Ball joint (Make: PREMIER/RES/Equivalent)	2	No.	
5	Inter connecting UPVC pipe & Pipe fittings along with header (Make: Astral/Supreme/equivalent)	2	Lot	

6	10 watt Aluminium Warm Yellow LED underwater light, IP68 protected and 12VDC input, submersible upto 2 meter with clamp for easy installation	50	Nos.	
7	LED Power Supply (Make: Meanwell/Equivalent)	2	Nos.	
8	3 core 4 sq.mm cable and 4 core 1 sq.mm cable for electrical connections (Make: Finolex/ Mescab/ Equivalent)	2	Set	
9	Electrical, Hardware and other Fittings	2	Lot	
10	Freight, Installation & commissioning	2	Job	
C. Fan jet with vertical jet Fountain:				
1	10 Hp mono-block submersible pump with cast body (Make : Kirloskar/Ksb/Equivalent) with necessary fittings	1	No.	
2	Outdoor Control Panel Box with Voltmeter, Ammeter, Contractor, single phase preventer, MCB, on/off push button switch, light operating system provision. (Component make: Siemens/Equivalent)	1	Set	
3	1" Brass Fan Jet Nozzle with Ball joint (Make: PREMIER/RES/Equivalent)	12	Nos.	
4	1.5" Brass Jet Nozzle Nozzle with Ball joint (Make: PREMIER/RES/Equivalent)	1	No.	
5	Inter connecting UPVC pipe & Pipe fittings along with header (Make: Astral/Supreme/equivalent)	1	Lot	
6	10 watt Aluminium Warm Yellow LED underwater light, IP68 protected and 12VDC input, submersible upto 2 meter with clamp for easy installation	15	Nos.	
7	LED Power Supply (Make: Meanwell/Equivalent)	1	Set	
8	3 core 4 sq.mm cable and 4 core 1 sq.mm cable for electrical connections (Make: Finolex/ Mescab/ Equivalent)	1	Lot	
9	Electrical, Hardware and other Fittings	1	Lot	
10	Freight, Installation & commissioning	1	Job	
			Total Rs.	1416695
11	Maintenance Guarantee (Mention Year)		Years	
12	Comprehensive AMC Rate		Per Year	

Technical features Water Fountain.

1. The speed, action, colors and video will change smoothly. All will be synchronized to high quality sound for spectacular entertainment that will keep the visitors mesmerized.
2. Maximum height of the fountain from Ground level will be Approximately 10feet.
3. The project will be fully auto stop at the end of each programmed show data provided in pen drive format.
4. During the fountain Operation 09 (Nine) design pattern will create a different type of design effects on the fountain pond under the computation and permutation system.
5. Light illumination system of the fountain will be with LED lights (IP 68) with warm yellow colour like Red, Green, and Blue.
6. Programme duration will be of decided by competent Authority.
7. The lights and solenoid valves will open and close very fast to the beats of the music to give the best effects of the fountain.
8. The Fountain should be operated from single point control unit. Contractor has to develop the design as per requirement of the job.
9. All the electric panels are properly earthed copper as per IS and mounted in a proper manner.
10. All the work inclusive of all taxes, levies and no other payment shall be made for any additional work done by contractor.
11. Power Supply is available at the site. Contractors have to arrange all the materials like MCCB, Timer, Contactor, Bus bar etc.For electrical connections.
12. Separate power cable is used for each high Jet fountain
13. All electric cable will be part of the contract or as per IS specification for quality of work.
14. Only electricity Charge is paid by Krushi Bhawan after completion of the work. i.e., Commencement of completed fountain work.
15. Cost of Civil work shall be the part of the bidder. No any separate payment shall be made to the bidder.
16. The job work shall be inclusive of all safety arrangements and their cost without any additional payment.

17. Tender cost shall be inclusive of one year maintenance cost without any additional cost
18. All the Items to be installed shall be IS certified along with test certificate/testimonials shall be approved by the competent authority.

Total Amount(Rs In Words)_____

Place:.....

Date:.....

Executive Engineer (Agril.),
Agriculture Engineering Division.
Nayagarh

||AFFIDAVIT||

(To be contained in Envelope A)

(On Non Judicial stamp of Rs.100)

I/We _____ who is / are _____ (status in the firm / company) and competent for submission of the affidavit on behalf of M/S _____ (contractor) do solemnly affirm an oath and state that :

I/We am / are fully satisfied for the correctness of the certificates/ records submitted in support of the following information in bid documents which are being submitted in response to notice inviting tender No. _____ for _____ (name of work) dated _____ issued by the _____ (name of the Department).

I/We am/ are fully responsible for the correctness of following self- certified information / documents and certificates.

1. That the self-certified information given in the bid document is fully true and authentic.
2. That:
 - a. Term deposit receipt deposited as earnest money, demand draft for cost of bid document and other relevant documents provided by the Bank are authentic.
 - b. Information regarding financial qualification and annual turnover is correct.
 - c. Information regarding various technical qualifications is correct.
3. No close relative of the undersigned and our firm/company is working in the department.

Or

Following close relatives are working in the department:

Name _____ - Post _____ present Posting _____

Signature with seal of the Deponent (bidder)

I/We, _____ above deponent do hereby certify that the facts mentioned in above paras 1 to 4 are correct to the best of my knowledge and belief.

Verified today _____ (dated) at _____ (place).

Signature with seal of the Deponent(bidder)

Note: Affidavit duly notarized in original shall reach at least one calendar day before opening of the bid.