

(राष्ट्रीय पशु जैव प्रोद्योगिकी संस्थान)
National Institute of Animal Biotechnology

Corrigendum -- Change of Opening Date and Pre Bid Clarifications

Please refer NIAB Tender Details as follows.

Tender ID : 2022_DBTEC_669625_1

Tender Reference Number : NIAB/SP/2021-22/22

Tender Title : Construction of Bio gas plant at Large Animal Farms in NIAB campus

The following changes may please be noted before submission of bids with respect to the tender details mentioned above.

In place of old dates mentioned in Tender , please consider following dates.

Document Download End Date :- in place of Existing old date --- Read As :- 18/02/2022

Bid Submission End date : in place of Existing old date --- Read As :- 18/02/2022

Bid Opening Date in place of Existing old date --- Read As :- 19/02/2022

Revised /New changes in specifications

The following information as per Annexure -1 mentioned below to be noted while participating in Tender .

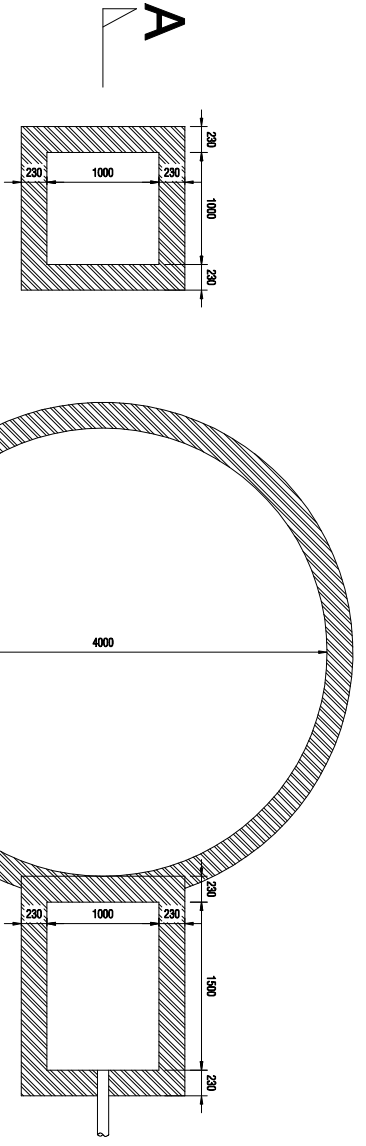
Rest of the tender conditions remains same.

Manager (S&P)
NIAB-Hyderabad
Date:- 10/02/2022

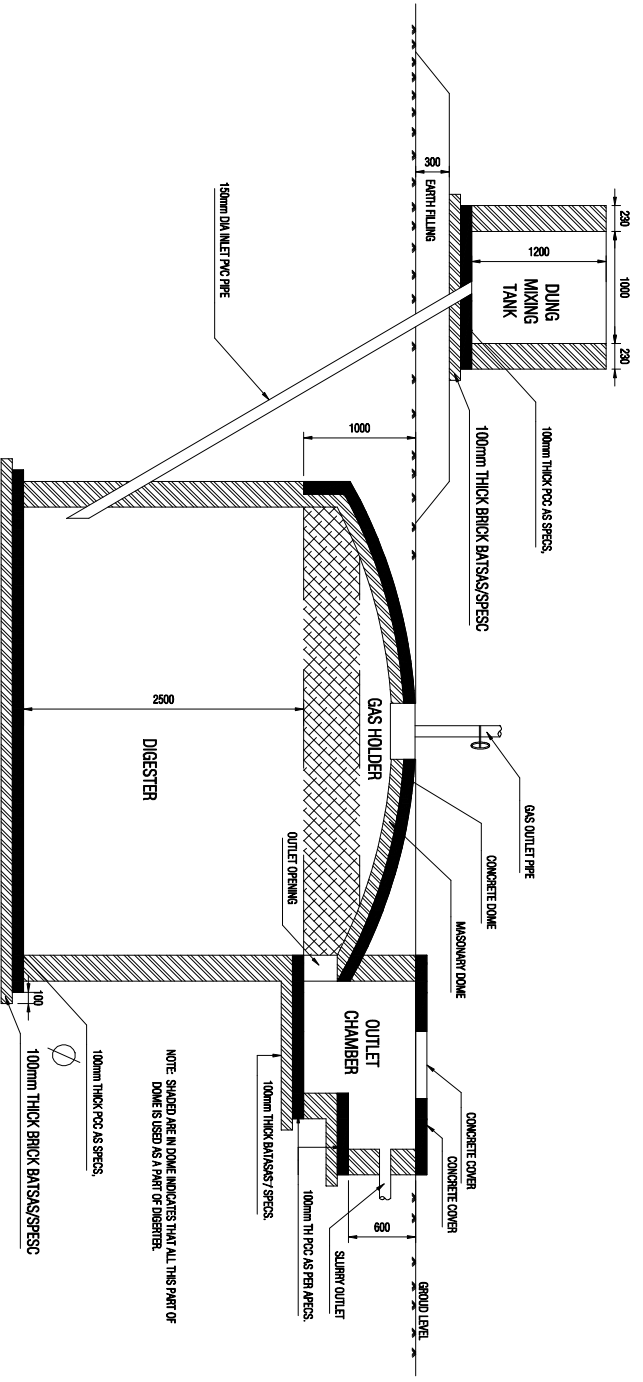
Annexure – 1

Pre Bid Quarries and Clarifications		
Queries		Reply
1. Estimated project (cost -estimated cost for CAPEX and OPEX)	1. there is no financial sheet attached to this RFP. Estimated project cost by the department is essential for the costing requested for the same	The estimated cost is Rs.7.00 Lakhs + GST
2.As per RFP,O&M bill to be submitted monthly basis shall be paid by the department quarterly.	Bio Gas project in NIAB, hyderabad necessitate loads of economical investment used for employee engagement ,operation maintenance, Transportation cost, power consumption cost, IEC cost and Management cost , therefore we will request you to process bill monthly basis and pay	Operation and Maintenance charges will be considered separately by the committee
Operational Payment process	What is the operational payment process ?	Not applicable

Rest of the tender specifications and conditions remains same.



PLAN



SECTION - A-A

NOTE: SHADED ARE IN DOME INDICATES THAT ALL THIS PART OF DOME IS USED AS A PART OF DIGESTER.

- NOTES**
- (1) ANY DISCREPANCY IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY AND NOT BE USED FOR CONSTRUCTION.
 - (2) ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - (3) ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED, NEITHER THE DIMENSIONS NOR THE DIMENSIONS BE SCALED FROM THE DRAWING.
 - (4) CONCRETE MIX SHALL BE M 25 DESIGN MIX (M20).
 - (5) ALL STEEL REINFORCEMENT SHALL BE OF HIGH YIELD STRENGTH TYPE BARS CONFORMING TO IS 1786-2006 WITH MINIMUM YIELD STRESS /0.2% PROOF STRESS OF 500 N/mm² (GRADE Fe 500).
 - (6) CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:

STRUCTURAL ELEMENT	TOP	BOTTOM	SIDES
a) RAFT	25	25	25
b) COLUMN DIMENSION UP TO 230	25	25	25
c) COLUMN DIMENSION ABOVE 230	25	25	25
d) BEAM UP TO 200 DEPTH	15	15	15
e) Lintel UP TO 200 DEPTH	15	15	15
f) SLAB / CHALK	15	15	15
g) SLAB / CHALK	15	15	25
 - (7) LAP/ DEVELOPMENT LENGTH FOR MAIN REINFORCEMENT BARS SHALL BE 50 OF THE BAR LAP SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAXIMUM BENDING MOMENT AND MORE OVERLAP SHALL BE PROVIDED AT THE POINT OF ZERO BENDING MOMENT. REINFORCEMENT BARS SHALL BE STAGGERED/ CURTAILED AT ANY GIVEN SECTION.
 - (8) ARRANGEMENT SHALL BE DONE IN DRY CONDITION, SUITABLE IF FOUND NECESSARY TO PREVENT UPLIFTING OF FOUNDATION.
 - (9) TP REINFORCEMENT BARS SHALL BE SUPPORTED ON SUITABLE CHAINS (NOT SHOWN IN DMS.) SO THAT THEY MAY REMAIN IN POSITION WHILE CONCRETING.
 - (10) VERTICAL REINFORCEMENT BARS FOR COLUMNS/ RETAINMENT WALLS/ STAIRCASE ETC. SHALL BE PLACED BEFORE CASTING OF THE CONCRETE.
 - (11) FOR OTHER GENERAL DETAILS, FOLLOW IS-456 (2000) OR REFER TO THE DRAWING.
 - (12) THE EXCAVATED AREA OF PILING/ FOUNDATION TO BE FILLED WITH GOOD EARTH AS/GOOD ENGINEERING PRACTICE.
 - (13) ALL CONSTRUCTION WORK SHALL BE DONE IN PRESENCE OF QUALIFIED ENGINEERS.

- NOTES FOR CONSTRUCTION JOINTS:-**
- (1) DURING CASTING OF FOUNDATION IF THE WORK IS STOPPED FOR A PERIOD LONGER THAN THE INITIAL SETTING TIME OF CEMENT THEN SUCH DISCONTINUITY SHALL BE TREATED AS A CONSTRUCTION JOINT.
 - (2) CONSTRUCTION JOINTS SHALL BE MADE VERTICAL, BY STOPPING THE CASTING OF CONCRETE AT THE JOINT.
 - (3) CONSTRUCTION JOINT SHALL BE PLANNED NEAR MID SPAN BUT NOT OUTSIDE THE MIDDLE THIRD OF THE SPAN, PROVIDED IT DOES NOT INTERFERE WITH THE STRUCTURAL INTEGRITY OF THE MEMBER.
 - (4) CONSTRUCTION JOINT SHALL NOT BE PROVIDED IN THE CANTILEVER PART.

PROJECT
 NATIONAL INSTITUTE OF ANIMAL
 BIO-TECHNOLOGY
 HYDERABAD.

BUILDING TYPE
 BIOGAS

REVISION
 R0

DRAWING TITLE
 PLAN,SECTION

DRAWING NUMBER
 TS-9C-001-40

SCALE: NTS

SHEET SIZE: A3

SHEET NO.: 01

