

# GOVERNMENT OF ODISHA



## H & UD DEPARTMENT SUNDARGARH MUNICIPALITY SUNDARGARH

**INSTALLATION OF MODULAR TOILETS AT DIFFERENT PLACE  
OF SUNDARGARH MUNICIPALITY.**

PERIOD OF SALE OF BID DOCUMENTS :- From dt. 03.09.2024 to dt. 12.09.2024

LAST DATE OF RECEIVED BID DOCUMENTS:- Dt. 12.09.2024 upto 4.30 PM

DATE & TIME OF OPENING THE BID DOCUMENTS :- Dt. 12.09.2024, 4.30 PM

COST OF TENDER PAPER :- ₹ 10,000.00

COST OF EMD :- ₹ 50,000.00

Name of the Bidder

MR No

/Dt

  
EXECUTIVE OFFICER  
SUNDARGARH MUNICIPALITY  
SUNDARGARH, ODISHA.

**OFFICE OF THE SUNDARGARH MUNICIPALITY, SUNDARGARH**  
**EXPRESSION OF INTEREST (EoI)**

Notice No. 3384 Dt: 30.08.2024

Executive Officer, Sundargarh municipality Sundargarh invites bid double cover sealed Expression of Interest (EoI) in offline mode from interested/ intending eligible agency/ firm/ contractor for "Installation of modular toilets at different place of Sundargarh municipality." DTCN alongwith terms & conditions can be obtained in the office of the Sundargarh municipality, Sundargarh during office hours on payment of ₹10,000.00 (Rupees:- Ten thousand) only (not refundable) from dt. 03.09.2024 to dt. .09.2024. The Expression of Interest also available in the Sundargarh district portal i.e. sundargarh.odisha.gov.in. EoI without payment of paper cost and EMD in original shall not be accepted in any case and will be rejected summarily. The agency/ firm/ contractor must be accompanied with (i) cost of tender paper, (ii) EMD in original, photo copy of valid (iii) GSTIN (iv) Complete Organisation details, Authenticated proof of the Organisation (v) No Relation certificate (Appendix-A) (vi) Litigation certificate (Appendix-B). The sealed EoI and other documents will be received **offline on or before dt. 12.09.2024 upto 4.30 PM and will be opened on the same day at 4.30 PM** in presence of the bidder or their authorized representatives. The authority reserves the right to accept or cancel any or all EoI without assigning any reason thereof.

  
Executive Officer  
Sundargarh Municipality  
30/08/2024

Memo 3385 Dt:- 30.08.2024

Copy to ADM, Sundargarh / SE, R&B, Division, Sundargarh for information and necessary action. They are requested to display (EoI) on the office notice board for wide publication.

Copy to Municipality office notice board for wide publication.

  
Executive Officer  
Sundargarh Municipality  
30/08/2024

Memo No. 3386 / Date: 30.08.2024

Copy to Accountant/ Cashier for information. Cashier is directed to receive the documents cost and issue documents to bidder.

  
Executive Officer  
Sundargarh Municipality  
30/08/2024

Memo No 3387 / dt 30.08.2024

Copy to DeGM, Collectorate, Sundargarh with a request to publish the EoI in the district website portal.

  
Executive Officer  
Sundargarh Municipality  
30/08/2024

Memo No 3388 / dt 30.08.2024

Copy to The Director, I & PR Department, Government of Odisha, Bhubaneswar with a request to publish the "Expression of Interest" in an Odia daily for one day before dt. .09.2024 for wide publication

  
Executive Officer  
Sundargarh Municipality  
30/08/2024

CHECK LIST TO BE FILLED UP BY THE BIDDER

Sl.No	Particulars	Reference as per DTCN	Whether furnished	Reference to Page No.
1	Cost of Bid			
2	Cost of EMD/ Declaration			
3	Valid Registration Certificate			
4	Upto date GSTIN			
5	No Relationship Certificate			
6	Information regarding current litigation, debarring expelling of the tender or abandonment of the work by the tenderer			
7	Affidavit (work wise)			
8	Works Experience Certificate			
9	List of works in hand			
10	filled up and signed with seal copy of schedule quotation/ Eol call notice			
11	Bidder should submit valid OEM certificate.			
12	Bidder must submit OEM MSME, OEM GST Certificate with OEM Turn over on CA letter head.			
13	Bidder should submit Last 3 years ITR copy ending with 22-23 and turnover certificate on CA letter head.			
14	Bidder should submit prefab work order from government department.			
15	Bidder should submit tensile fabric work order in Odisha state government in financial year 2022-23 and 2023-24 with completion certificate and Geo tag Images.			
16	Other, If any			

## TERMS AND CONDITIONS

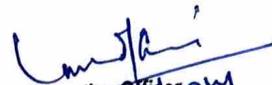
- 1 The details of bid documents specification, schedule and set of terms & conditions is available in the municipality office, Sundargarh in person on payment of ₹10,000.00 (Rupees:- Ten thousand) Only towards cost of Eol documents in shape of Cash/ DD/ Banker cheque drawn on any Nationalized Bank in favour of Executive Officer, Sundargarh municipality payable at Sundargarh. The Expression of Interest (Eol) will be available in the Sundargarh district portal i.e. Sundargarh.odisha.gov.in. Paper cost shall be paid as per the same method noted in DTCN downloaded online. Eol without payment of paper cost shall not be accepted in any case and will be rejected summarily. The cost of quotation/ Eol paper is not refundable.
- 2 The bidder must be accompanied by EMD/ bid security in original amount of ₹50,000.00 (Rupees:- Fifty thousand) Only in shape of Cash/ DD/ Banker cheque/ National savings certificate/ Post office savings Bank account/ Post office Time Deposit/ Kissan Vikas Patra / Deposit Receipt of Schedule Bank drawn on any Nationalized Bank in favour of Executive Officer, Sundargarh municipality payable at Sundargarh.  
Expression of Interest without EMD in original shall not be accepted.  
EMD & ISD Exempted for local MSME of Odisha is certified by DIC.
- 3 The sale of Expression of Interest (Eol) documents start from dt. **03.09.2024** to dt. **12.09.2024**.  
Request for Expression of Interest (Eol) documents through post will not be entertained.
- 4 **Offline** bid documents consisting of technical bid & price bid shall be provided within a single envelope (Cover-C) technical bid (Cover-A) and price bid (Cover-B) separately superscripted with name of work, Expression of interest call notice no & date. Technical bid (cover-A), Price bid cover (B) and (cover C)  
Submission of bids will be through the offline mode to the given address of authority.  
The financial bid (Cover-B) will only be opened of these bidders who will qualify the technical bid.
- 5 The completed & sealed Expression of Interest (Eol) should be sent on or before dt. **12.09.2024 upto 4.30 PM** to the Executive Officer, Sundargarh municipality through registered/ Speed post or in person only. The envelope containing the quotation/Eol documents should be superscripted with "Installation of modular toilets at different place of Sundargarh municipality.." with Eol call notice no & date.
- 6 The Expression of Interest (Eol)/ bid documents will be opened in the presence of tender committee of Sundargarh municipality on dt. **12.09.2024** at **4.30 PM** in the chamber of Executive Officer, Sundargarh municipality, Sundargarh in the presence of the bidders or their authorized representatives who wish to attend.  
If office happens to be closed for any reason on the date the receiving or opening of the tender as specified the tenders will be received/ opened in the next working day at the same time & venue.  
The financial bid will only be opened of these bidders who will qualify the technical bid.
- 7 No bids will be received after scheduled date and time. The officer inviting the bid shall not be responsible for any postal delay and/ or non-receipt due to any frivolous reasons.
- 8 Bidder should submit (i) Technical bid is to contain of cost of bid document and EMD in original, self attested copies of valid registration Certificate, up-to-date GSTIN, No Relationship Certificate, litigation certificate, list of works in hand, work experience certificate, Affidavit, filled up and signed with seal of schedule appended to the Eol call notice and documents required as per DTCN and also submitted:-  
(i) Bidder should submit valid OEM certificate.  
(ii) Bidder must submit OEM MSME, OEM GST Certificate with OEM Turn over on CA letter head.  
(iii) Bidder should submit Last 3 years ITR copy ending with 22-23 and turnover certificate on CA letter head.  
(iv) Bidder should submit prefab work order from government department.  
(v) Bidder should submit tensile fabric work order in Odisha state government in financial year 2022-23 and 2023-24 with completion certificate and Geotag Images.  
(ii) Financial/ Price bid/ BoQ is to contain the price bid duly filled and signed by the bidder

- 9 The Quotationer should quote single rate for each item according to required specification wherever mentioned. More than one rate for a particular item will be summarily rejected.
- 10 **The bidder shall quote their rate including cost of fitting, fixing, erection, all materials, labour, T&P, transporting, loading & unloading etc as per description in BoQ/ specification.**
- 11 The rate shall be quoted inclusive of all taxes and duties if any. GST will be mentioned separately.
- 12 Any correction or over writing in the offer should be attested by the quotationer.
- 13 The rate should be mentioned in both figures and words.
- 14 The rate will be valid for one calendar year.
- 15 The bidder shall submit the quotation/ expression of interest schedule duly signed by him with seal.
- 16 The materials/ parts will be inspected by the Executive Officer/ Engineering person of Sundargarh municipality/ or any competent authority authorised by municipality.
- 17 Any material/ parts found defective are to be replaced immediately free of cost.
- 18 The quotationer/ bidder shall not sublet, transfer or assign any part of the full work of this award without prior written permission from the Executive Office, Sundargarh municipality.
- 19 All bids received will remain valid for a period of 90 days. The deadline date for submission of bids and validity of bids can also be extended, if agreed to by the bidder and the Department.
- 20 The EMD shall be forfeited on the following grounds :
  - i If the bidder withdraws the bid after bid opening during the period of bid validity.
  - ii If the Bidder does not accept the correction of the bid price.
  - iii In the case of a successful bidder fails to sign the agreement/ contract or furnish the required ISD and performance security within the specified time limit .
  - iv In case the statements, documents and certificates submitted during submission of bid by the bidder is found false/ fabricated/ bogus,
  - v If the successful bidder fails to execution of work within the period mentioned in the work order.
  - vi If the bidder does not repair/ replace any defects in the product/ work within fifteen days of being informed about the same.
- 21 Quotation/ Expression of Interest (Eoi) shall not be considered through Power of Attorney
- 22 Award of contract will be issued by post/ hand/ email.
- 23 Any dispute arises between bidder & office, the decision of the Council will be final and binding to both parties.
- 24 The authority reserves the right to reject any or all the tenders without assigning any reason thereof.

  
Executive Officer  
Sundargarh Municipality  
21/10/2024

**ADDITIONAL TERMS AND CONDITIONS**

- 1 Bidder should submit valid OEM certificate.
- 2 Bidder must submit OEM MSME, OEM GST Certificate with OEM Turn over on CA letter head.
- 3 Bidder should submit Last 3 years ITR copy ending with 22-23 and turnover certificate on CA letter head.
- 4 Bidder should submit prefab work order from government department.
- 5 Bidder should submit tensile fabric work order in Odisha state government in financial year 2022-23 and 2023-24 with completion certificate and Geo tag Images.

  
Executive Officer,  
Sunargarh Municipality

**NO RELATIONSHIP CERTIFICATE**

I/ We hereby certify that I/ we am/are related/ not related to any officer of the Sundargarh Municipality in the rank of Asst. Engineer or above I/ we am/are aware that if facts to be proved false my/ our contract will be rescinded with forfeiture of EMD and ISD and I/ We shall be liable to make good loss or damage resulting from such cancellation.

**Full Name of the Tenderer**

1. Address for correspondence-

Phone No: \_ \_ \_ \_ \_

Alternative phone No \_ \_ \_ \_ \_

2. Permanent Native address-

Village. ....

Post .....

Dist .....

PIN \_ \_ \_ \_ \_

**Signature of Bidder**

APPENDIX- B

**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING EXPELLING OF TENDERED OR ABANDONMENT OF WORK BY THE TENDERER**

- |   |  |          |
|---|--|----------|
| 1 | Is the tenderer currently involving in any litigation relating to the works. If yes, give details:   | Yes / No |
| 2 | Has the tenderer or any of its constituent partners been debarred/ expelled by any agency in India during the last 5 years.                  | Yes / No |
| 3 | Has the tenderer or any of its constituent partner's failed to perform on any contract work in Sundargarh Municipality If yes, give details: | Yes / No |

Note: If any information in this Appendix is found to be incorrect or concealed, qualification application will be summarily be rejected.

**Signature of Bidder**

**AFFIDAVIT**

**APPENDIX – C**

1. I Sri . . . . . aged about . . years, Son/ Daughter/ Wife of Sri . . . . . at present residing at . . . . . PO. . . . . Dist. . . . . PIN . . . . . do hereby solemnly affirm as follows.
2. That I/ We posses valid license issued by . . . . . (Authorities name) belongs to . . . . . Class . . . . . category contractor valid upto . . . . . for execution of work contract.
3. I am submitting tender before Executive officer, Sundargarh Municipality, Sundargarh for execution of work (Name of work (Write Single work only)). . . . . in response to quotation/ EoI Call Notice No . . . . . dated . . . . ., ID No. . . . . \_ . . . . . \_ . . . . .
4. That I am the authorized signatory on behalf of contractor for the tender for the work mentioned above.
5. I am swearing this affidavit that all tender documents and accompanying papers those being submitted by me before Executive office, Sundargarh Municipality including cost of Bid document and EMD remit online made on net banking are all authentic and bona fide documents in the eyes of law of land.

**Signature of the Bidder/  
Authorised signature**

**PROGRESS OF WORKS**

**APPENDIX- D**

SI No	Name of Projects	Remarks
1	2	3
1		
2		
3		
4		
5		
6		
7		
8		

**Signature of Bidder**

LIST OF COMPLETED / EXECUTED WORKS

APPENDIX – E

**(To be submitted on the Bidder's Letter Head)**

1. Name of the work :- . . . . .
2. Bid value (Value at NIT column 3) ₹. . . . .
3. (i) One similar completed work costing not less than 30% of bid value.  
(ii) Two similar completed work costing not less than 40% of bid value.

**Completed/ Execured works details :-**

S N	Items	Second work details
1	2	4
1	Name of Work	
2	Name of issuing Authority	
3	Work order No/ Date	
4	Date of commencement	
5	Scheduled date of completion	
6	Actual date of completion	
7	Contract value	
8	Completion value of work	

N.B:- The work shall be fill up which are completed after 01.04.2021.

**Signature of Bidder**

**TECHNICAL SPECIFICATIONS FOR FOUR SEATED MODULAR COMMUNITY TOILET WITH PPGI SHEET CANOPY INCLUDING ALL TYPE OF CIVIL WORK (FOUNDATION, WASTE MANAGEMENT FACILITY) AT DIFFERENT PLACE OF SUNDARGARH MUNICIPALITY.**

**TOILET SPECIFICATION**

**Product Description** : 04 seated prefab toilet with tensile fabric and MS canopy including all type of civil work (civil foundation & waste management facility):

**Quantity Required** :

**Foundation** : Brick Foundation as per Standard Specs with a depth of 300 mm belowground level and 300 mm above ground level for anchor/column Locations. 9" thick Brickwork for foundation work

**Toilet size** : The structure size should be 1220 mm X 915 mm, Toilet structure height(except the foundation structure) - 2025 mm. (i.e. Bottom to Top roof)

**Toilet tub** : EWC Pan 04 Nos. EWC Pan Size 520 x360 x 390 (Cera / Sanitation / Johnson / Equivalent) With Antiskid Tiles of 12"x12" (Somani / Cera / Johnson / Nitco / Equivalent)

**Paneling** : \* Each wall panel is to be 40mm thick Sandwich Panels made of 0.6 mm thick, Min 240 MPa Yield Strength (YS), Min 340 Ultimate Tensile Strength (UTS) zero spangled skin passed Tension leveled, Restriction of Hazardous Substance (ROHS) compliant, 120 GSM galvanized plain, powder coated cold rolled sheet with insulation (38mm EPS (Expanded Polystyrene) of density 16 kg/m<sup>3</sup>) inside it.

\* All 4 top wall panels to have single-skin louver panels

\* (150 mm) of 0.6mm Galvanized Plain powder-coated sheet.

\* Each wall panel is to be 40mm thick Sandwich Panels made of 0.6 mm thick, Min 240 MPa Yield Strength (YS), Min 340 Ultimate Tensile Strength (UTS) zero spangled skin passed Tension leveled, Restriction of Hazardous Substance (ROHS) compliant, 120 GSM galvanized plain, powder coated cold rolled sheet with insulation (38mm EPS (Expanded Polystyrene) of density 16 kg/m<sup>3</sup>) inside it.

\* The bottommost panel on 3 sides in each compartment is to have SS 304 in the interiors up to 125 mm from the floor that is to be riveted over powder coated galvanized plain sheet.

**Doors** : Doors Door Size 1790 mm \* 649 mm \* 40 mm thickness, (made of 0.6 mm Galvanized plain powder coated steel) inclusive of standard accessories i.e. 2 nos of the handle (6 inches), 1 L drop with Plastic bush, 1 No of Tower bolt (6 Inch) hinges and screws.

**SIDE PLATFORM** :

**Type** : Brickwork platform (4'X3') Front Platform (24' X 4' )

**Material** : Bricks, Parking tiles, Cement, Sand.

**Steps** : Brickwork steps with parking tiles

**Soak Pit** :

**Capacity** : 1700 Ltr (4'x4'x4' soak pit) OR RCC ring with 3' diameter 4 Qty with RCC cover.

**Material** : Brick, cement, sand, aggregate,

**Fittings** : SWR PVC 110mm pipe for toilet and soak pit connection.

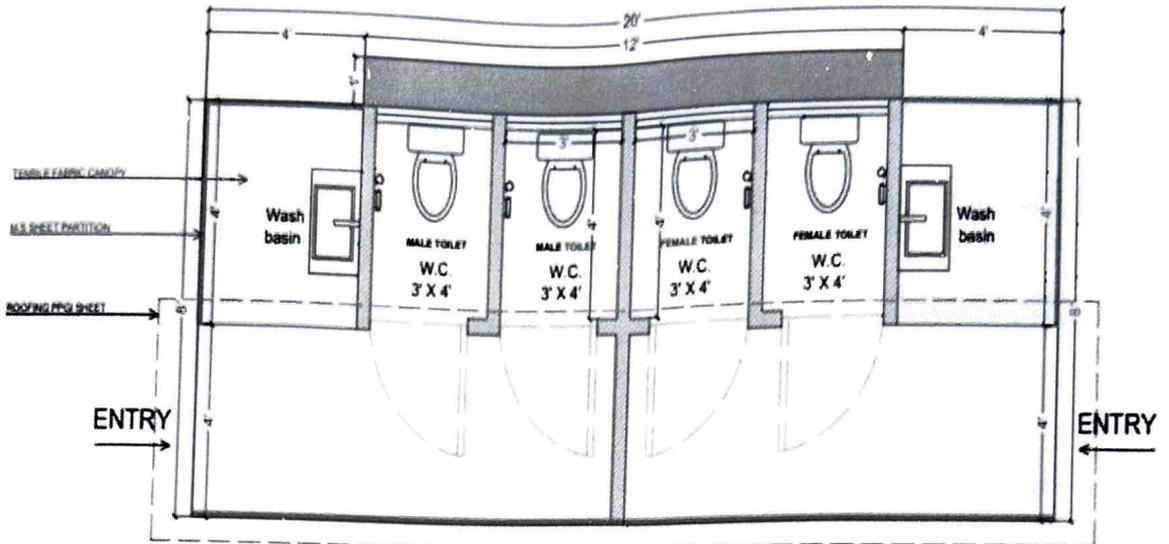
**Canopy** MS Partition 0.4 mm Thick PPGI Roof Sheet & 30 x 30 mm MS Square tube With 0.5 MM MS Sheet For Partition,

**Tensile Canopy** 4' X 3' Tensile fabric canopy above wash basin 12 sqft – 02 nos.

**Water Tank and frame** : 200 Liters on each Cabin with required UPVC plumbing fittings along with tank frame Tank brand: Plasto / Sintex / Paras / equivalent

- Electric Fittings** : 1 CFL 5 WT (Wipro/Syska or Similar) & 1 Modular switch (Anchor/Amron) in each compartment and required internal wiring, Wire (Polycab/ CRV/ Equivalent) 1.5 sqmm
- Plumbing material** : All internal piping with UPVC pipe of nominal Dia 20 mm with necessary unions for maintenance purposes & stop cocks. Paras/Astral or Similar. One bib-cock tap in each compartment. One stop-cock each for controlling water flow

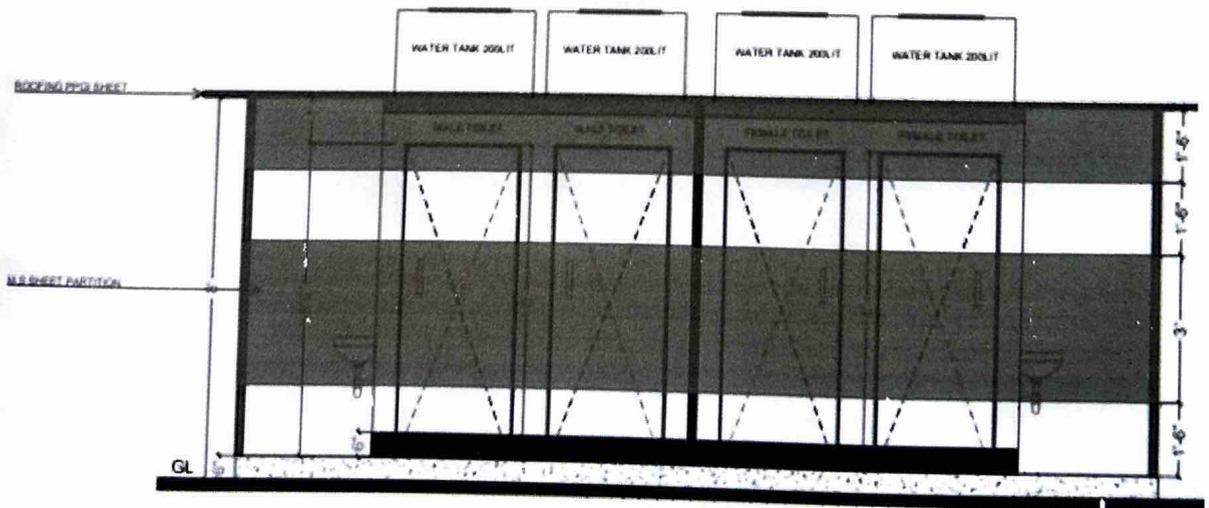
**LAYOUT FOR 6 SEATER MODULAR COMMUNITY TOILET:**



**TOILET FLOOR PLAN**

TOTAL AREA - 191 SQ FT

**FRONT ELEVATION FOR 6 SEATER MODULAR COMMUNITY TOILET:**



**FRONT ELEVATION**

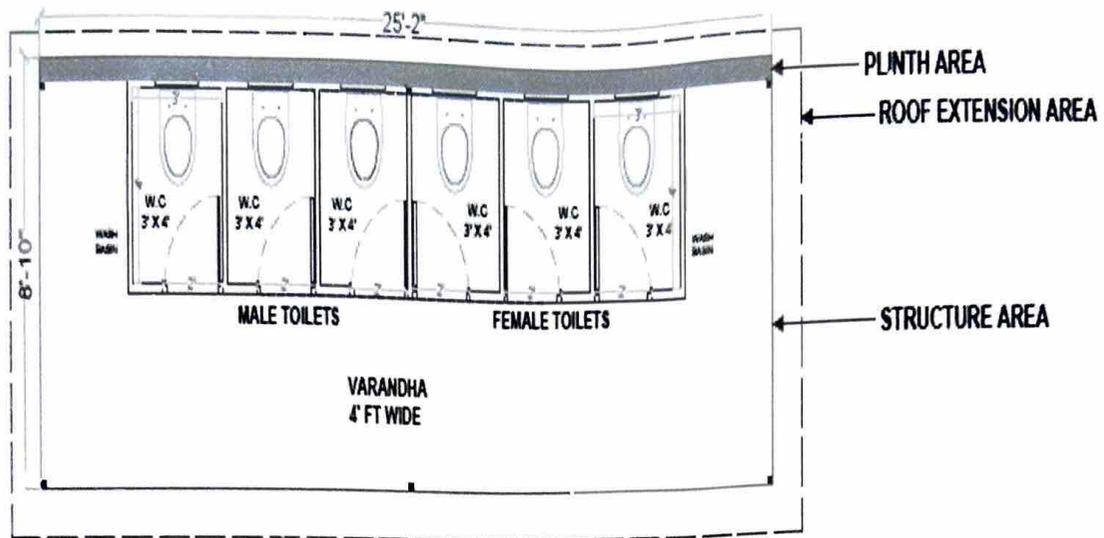
**TECHNICAL SPECIFICATIONS FOR 6 SEATED MODULAR COMMUNITY TOILET WITH PPGI SHEET CANOPY INCLUDING ALL TYPE OF CIVIL WORK (FOUNDATION, WASTE MANAGEMENT FACILITY) AT DIFFERENT PLACE OF SUNDARGARH MUNICIPALITY.**

**TOILET SPECIFICATION**

- Product Description** : 06 seated prefab toilet with PPGI Sheet canopy including all type of civil work (civil foundation & waste management facility):
- Quantity Required** :
- Foundation** : Brick foundation as per standard specification with a depth of 300 mm belowground level and 300 mm above ground level for anchor/column Locations. 9" thick Brickwork for foundation work
- Toilet size** : The structure size 25'2" x 8'10",toilet Size 1220 mm X 915 mm, Toilet structure height(except the foundation structure) - 2025 mm. (i.e. Bottom to Top roof)
- Toilet tub** : EWC -Pan 06 Nos. EWC Pan Size 520 x360 x 390 (Cera / Sanitation / Johnson / Equivalent) With Antiskid Tiles of 12"x12" (Somani / Cera / Johnson / Nitco / Equivalent)
- Paneling** : \* Each wall consists of 4 sandwich panels (Inc. of top louver panel on each side). Sandwich panel size 995 mm x 650 mm & 695 mm x 695 mm  
 \* All 4 top wall panels to have single-skin louver panels  
 \* Column made of 1.5 mm thick, 275 MPa Strength zero spangled skin passed plain powder coated cold rolled sheet to be used for structure corner pillars.  
 \* Size of corner pillars – 150 mm x 150 mm x 2050 mM  
 \* Ventilator size – 649 mm x 150 mm  
 \* Each wall panel is to be 40mm thick Sandwich Panels made of 0.6 mm thick, Min 240 MPa Yield Strength (YS), min 340 Ultimate Tensile Strength (UTS) zero spangled skin passed Tension leveled, Restriction of Hazardous Substance (ROHS) compliant,120 GSM galvanized plain, powder coated cold rolled sheet with insulation (38mm EPS (Expanded Polystyrene) of density 16 kg/m3) inside it.  
 \* The bottommost panel on 3 sides in each compartment is to have SS 304 in the interiors up to 125 mm from the floor that is to be riveted over powder coated galvanized plain sheet.
- Doors** : Door Size 1790 mm \* 649 mm \* 40 mm thickness, (made of 0.6 mm galvanized plain powder coated steel) inclusive of standard accessories i.e.2 nos of the handle(6 inches), 1nos L drop with Plastic bush, 1 No of Tower bolt (6 Inch) hinges and screws.
- SIDE PLATFORM** :
- Type** : Brickwork platform Front Platform (24' X 4' ), Side Platform(4'X3')
- Material** : Bricks, Parking tiles, Cement, Sand.
- Steps** : Brickwork steps with parking tiles
- Soak Pit** :
- Capacity** : RCC ring with 3' diameter 4 Qty with RCC cover.(2 Set)
- Material** : Brick, cement, sand, aggregate,
- Fittings** : SWR PVC 110mm pipe for toilet and soak pit connection.
- Tensile Canopy** : 4' X 3' Tensile fabric canopy above wash basin 12 sqft – 02 nos.

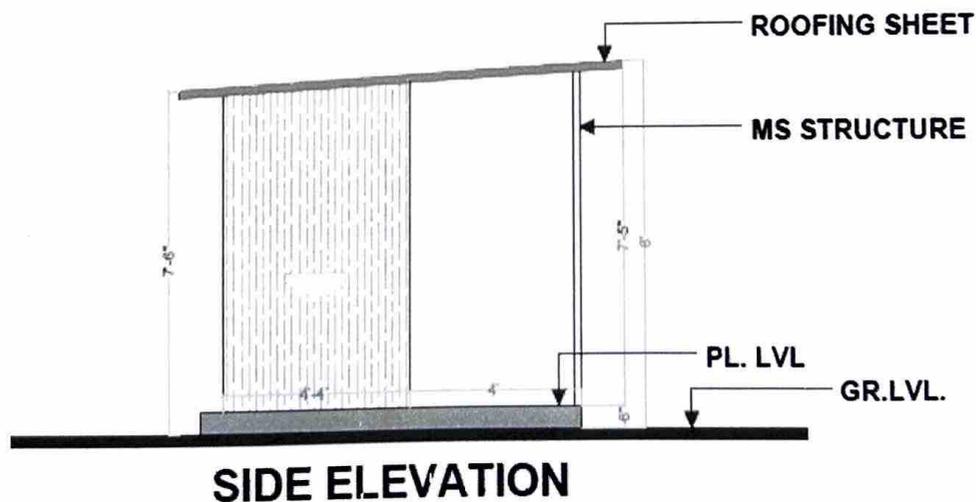
- Canopy** : MS Partition 0.45 mm Thick PPGI Roof Sheet & 30 x 30 mm MS Square tube.
- Water Tank and frame** : 200 Liters on each Cabin with required UPVC plumbing fittings along with tank frame Tank brand: Plasto /Sintex/Paras/equivalent
- Electric Fittings** : 1 CFL 5 WT (Wipro/Syska or Similar) & 1 Modular switch (Anchor/Amron) in each compartment and required internal wiring, Wire (Polycab / CRV / Equivalent) 1.5 square
- Plumbing material** : All internal piping with UPVC pipe of nominal Dia 20 mm with necessary unions for maintenance purposes & stop cocks. Paras/Astral or Similar: One bib-cock tap in each compartment. One stop-cock each for controlling water flow

#### LAYOUT FOR 6 SEATER MODULAR COMMUNITY TOILET:



**MODULAR TOILET PLAN**  
TOTAL COVERED AREA - 280 SQ.FT.

#### FRONT ELEVATION FOR 6 SEATER MODULAR COMMUNITY TOILET:



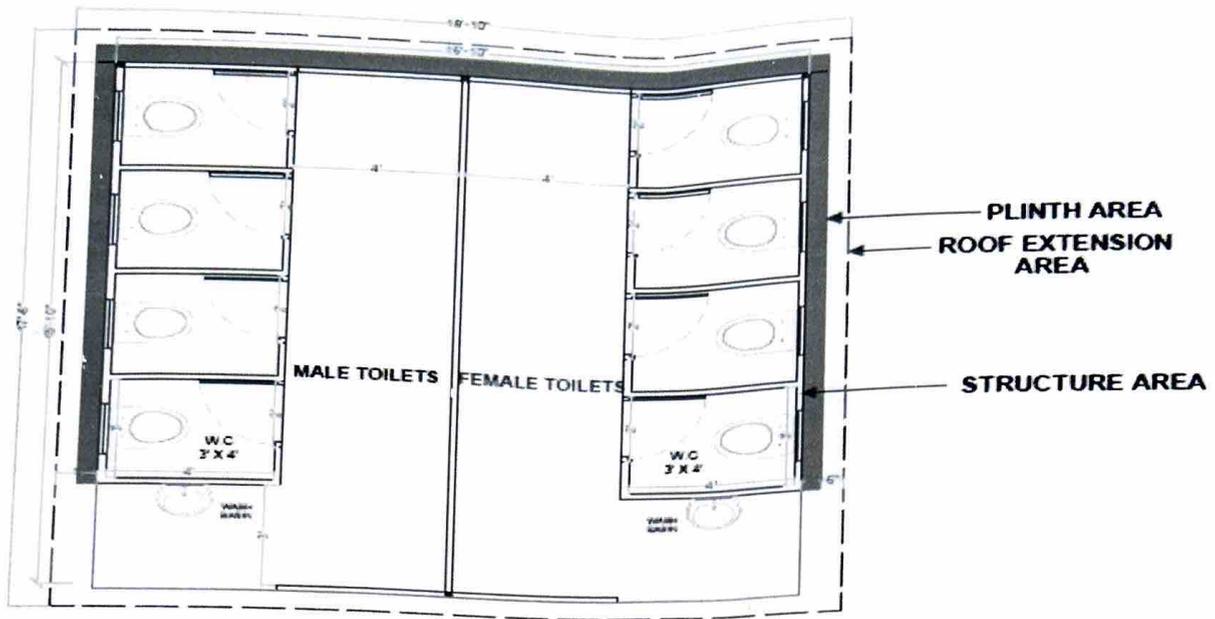
**SIDE ELEVATION**

**TECHNICAL SPECIFICATIONS FOR 8 SEATED MODULAR PUBLIC TOILET WITH PPGI SHEET CANOPY & MS PARTITION INCLUDING ALL TYPE OF CIVIL WORK (FOUNDATION, WASTE MANAGEMENT FACILITY) AT DIFFERENT PLACE OF SUNDARGARH MUNICIPALITY.**

**TOILET SPECIFICATION**

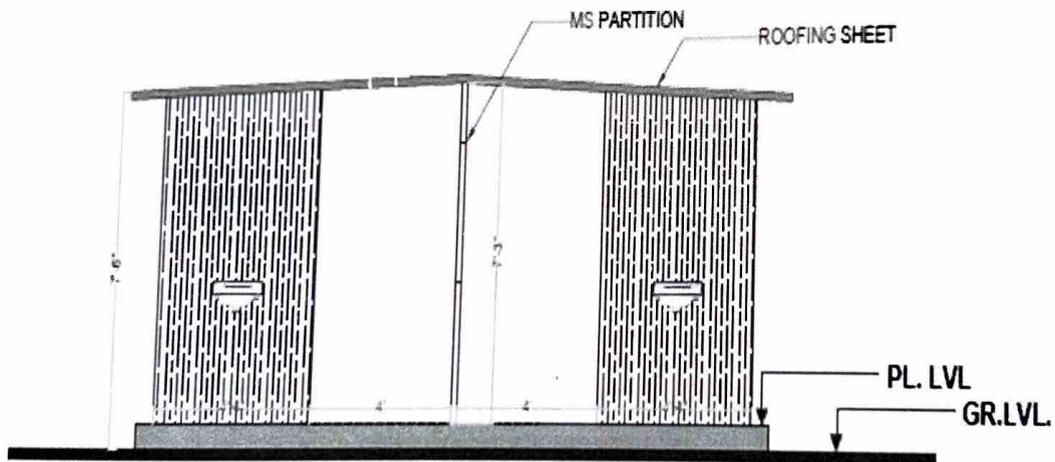
- Product Description** : 08 seated prefab toilet with PPGI Sheet canopy & MS partition including all type of civil work (civil foundation & waste management facility):
- Quantity Required** :
- Foundation** : Brick Foundation as per Standard Specs with a depth of 300 mm belowground level and 300 mm above ground level for anchor/column Locations. 9" thick Brickwork for foundation work
- Toilet size** : The structure size 16'10" x 15'10" ft, Toilet Size 1220 mm X 915 mm, Toilet structure height(except the foundation structure) - 2025 mm. (i.e. Bottom to Top roof)
- Toilet tub** : EWC Pan 08 Nos.  
EWC Pan Size 520 x360 x 390 (Cera / Sanitation / Johnson / Equivalent) With Antiskid Tiles of 12"x12" (Somani / Cera / Johnson / Nitco / Equivalent)
- Paneling** : \* Each wall consists of 4 sandwich panels (Inc. of top louver panel on each side). Sandwich  
\* All 4 top wall panels to have single-skin louver panels  
\* Column made of 1.5 mm thick, 275 MPa Strength zero spangled skin passed plain  
\* Size of corner pillars – 150 mm x 150 mm x 2050 mm  
\* Ventilator Size – 649 mm x 150 mm  
\* Each wall panel is to be 40mm thick Sandwich Panels made of 0.6 mm thick, Min 240 MPa Yield Strength (YS), Min 340 Ultimate Tensile Strength (UTS) zero spangled skin passed Tension leveled, Restriction of Hazardous Substance (ROHS) compliant, 120 GSM galvanized plain, powder coated cold rolled sheet with insulation (38mm EPS (Expanded Polystyrene) of density 16 kg/m<sup>3</sup>) inside it.  
\* The bottommost panel on 3 sides in each compartment is to have SS 304 in the interiors up to 125 mm from the floor that is to be riveted over powder coated galvanized plain sheet.
- Doors** : Door Size 1790 mm \* 649 mm \* 40 mm thickness, (made of 0.6 mm Galvanized plain powder coated steel) inclusive of standard accessories i.e.2 nos of the handle(6 inches), 1 L drop with Plasticbush, 1 No of Tower bolt (6 Inch) hinges and screws.
- SIDE PLATFORM** :
- Type** : Brickwork platform Front Platform (8' x 15'10"), Side Platform (4'X3')
- Material** : Bricks, Parking tiles, Cement, Sand.
- Steps** : Brickwork steps with parking tiles
- Soakpit** :
- Capacity** : RCC ring with 3' diameter 4 Qty with RCC cover.(2 Set)
- Material** : Brick, cement, sand, aggregate,
- Fittings** : SWR PVC 110mm pipe for toilet and soak pit connection.
- Canopy** : MS Partition 0.45 mm Thick PPGI Roof Sheet & 30 x 30 mm MS Square tube.
- MS Partition** : 40 x 40 mm MS Square tube With 0.6 MM MS Sheet For Partition
- Water Tank and frame** : 200 Liters on each Cabin with required UPVC plumbing fitments along with tank frame  
Tank brand: Plasto /Sintex/Paras/equivalent
- Electric Fittings** : 1 CFL 5 WT (Wipro/Syska or Similar) & 1 Modular switch (Anchor/Amron) in each compartment and required internal wiring, Wire (Polycab / CRV /Equivalent) 1.5 square mm
- Plumbing material** : All internal piping with UPVC pipe of nominal Dia 20 mm with necessary unions for maintenance purposes & stop cocks. Paras/Astral or Similar: One bib-cock tap in each compartment. One stop-cock each for controlling water flow

### LAYOUT FOR 8 SEATER MODULAR PUBLIC TOILET:



**MODULAR TOILET PLAN**  
TOTAL COVERED AREA - 329 SQ.FT.

### FRONT ELEVATION FOR 8 SEATER MODULAR PUBLIC TOILET



**SIDE ELEVATION**

**Quantities:- Installation of modular toilets at different place of Sundargarh municipality.**

Sl No	Description	Qty.	Unit	Rate	Amount
1	2	3	4	5	6
1	Providing, supplying all labour T&P for installation of 4 (Four) seated modular community toilet with PPGI sheet canopy including all type of civil work (foundation, waste management facility) at different place of Sundargarh municipality as per specifications, drawing including cost of all materials, labour, transporting, loading and unloading etc all complete and direction of EIC.	4	Unit		
2	Providing, supplying all labour T&P for installation of 6 (Six) seated modular community toilet with PPGI sheet canopy including all type of civil work (foundation, waste management facility) at different place of Sundargarh municipality as per specifications, drawing including cost of all materials, labour, transporting, loading and unloading etc all complete and direction of EIC.	4	Unit		
3	Providing, supplying all labour T&P for installation of 8 (Eight) seated modular community toilet with PPGI sheet canopy including all type of civil work (foundation, waste management facility) at different place of Sundargarh municipality as per specifications, drawing including all cost all materials, labour, transporting, loading and unloading etc all complete and direction of EIC.	6	Unit		
4				Total	
5				Add GST	
6				Grand Total	

(Rupees:- ..... ) only

  
 Executive Officer  
 Sundargarh Municipality