📘 Tender Management API Documentation

🔐 Authentication

All endpoints require JWT authentication via Authorization: Bearer <token> header.

📁 Tenders

🔷 Get All Tenders Created by Customer

URL: /api/tenders/customer/
Method: GET
Role: Customer
Description: Lists all tenders created by the authenticated customer.

Response Example:

json

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```
[
 {
  "id": 1,
  "customer": 3,
  "supervisor": 2,
  "service": 1,
  "location": "New York",
  "start_time": "2025-06-05T09:00:00Z",
  "end_time": "2025-06-10T17:00:00Z",
  "customer_limit": 3,
  "selected_contractor": null,
  "status": "pending"
 }
]
```

🔷 Assign Contractors to Tender

URL: /api/tenders/assign-contractors/
Method: POST
Role: Customer
Description: Assign contractors to a tender (only if you created the tender).

Request Example:

json

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```json
{
  "tender_id": 1,
  "contractor_ids": [2, 3]
}
```

Response:

json

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```json
{ "message": "Contractors assigned successfully." }
```

◆ **View All Tenders Assigned to Contractor (via listing)**

URL: /api/tenders/contractor/listed/
Method: GET
Role: Contractor
Description: Lists tenders where the contractor is invited to bid.

Response Example:

json

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```json
[
  {
    "id": 1,
    "location": "New York",
    "status": "pending",
    ...
  }
]
```

◆ **Set Selected Contractor for a Tender**

URL: /api/tenders/<int:pk>/select-contractor/
Method: PATCH
Role: Customer

Description: Select a contractor for a tender. Also marks tender as completed and creates an assignment.

Request Example:

json

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```
{
  "selected_contractor": 3
}
```

Response:

json

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```
{
  "id": 1,
  "selected_contractor": 3,
  "status": "completed"
}
```

◆ **View Tenders Where Contractor is Selected**

URL: /api/tenders/contractor/selected/
Method: GET
Role: Contractor
Description: View tenders for which the contractor has been selected.

Response Example:

json

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```
[
  {
    "id": 1,
    "tender": 1,
    "contractor": 3,
    "payment_status": "pending",
    "start_date": null,
```

```json
    "due_date": null

  }

]
```

💰 Tender Bids

◆ Create Bid for a Tender Requirement

URL: /api/tender-bids/create/
Method: POST
Role: Contractor
Description: Place a bid for a tender requirement (within active tender period).

Request Example:

json

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```json
{

  "tenders_requirments": 1,

  "bid_value": 5000.00

}
```

Response Example:

json

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```json
{

  "id": 1,

  "tenders_requirments": 1,

  "bid_value": "5000.00"

}
```

◆ Update Existing Bid

URL: /api/tender-bids/<int:pk>/update/
Method: PUT / PATCH
Role: Contractor
Description: Update a bid (only during tender active timeframe).

Request Example:

json

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```
{
  "bid_value": 5200.00
}
```

Response:

json

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```
{
  "id": 1,
  "tenders_requirments": 1,
  "bid_value": "5200.00"
}
```

◆ **Delete a Bid**

URL: /api/tender-bids/<int:pk>/delete/
Method: DELETE
Role: Contractor
Description: Delete a bid (only during tender active timeframe).

Response:

json

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```
{ "detail": "No Content" }
```

◆ **List Bids Made by Contractor for a Tender**

URL: /api/tender-bids/tender/<int:tender_id>/
Method: GET
Role: Contractor
Description: List all bids submitted by the contractor for a specific tender.

Response Example:

json

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```
[
  {
```

    "id": 1,

    "tenders_requirments": 1,

    "bid_value": "5000.00"

  }

]