



هيئة الأشغال العامة
PUBLIC WORKS AUTHORITY
شؤون البنية التحتية
INFRASTRUCTURE AFFAIRS
(DRAINAGE NETWORKS PROJECTS DEPARTMENT)

PREQUALIFICATION

FOR

**DRAINAGE MICRO TUNNELLING AND PIPE JACKING
CONTRACTORS**

PROCEDURES AND WORKS REQUIREMENTS

PART 2 - WORKS REQUIREMENTS

PROJECT ID: IA 2016 C 51 G

PART 2-WORKS REQUIREMENTS

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Note: The above documents are not final. The Authority reserves the right to make any changes to the documents that do not change the document philosophy, without incurring any liability to Applicants. The final documents will form of the Tender Documents.

APPENDIX A: SCOPE OF WORKS
SPECIFIC REQUIREMENTS OF THE PROJECT

1.0 GENERAL CONTRACT REQUIREMENTS

1.1 SCOPE OF WORKS TO BE CARRIED OUT

1.1.1 Typical work scope may include but not limited to:

- With reference to various Projects in Qatar, Micro Tunneling and Pipe Jacking construction is required at various project locations.
- Micro tunneling and Pipe Jacking projects for gravity systems would have been carried out on multiple pipe sizes from 400mm diameter (Laterals) to 2000mm Diameter (Trunk Main) and greater than 2000mm diameters (Trunk Main).
- Tunnel construction projects by Closed Face Type Shield TBM (Tunnel Boring Machine) method (Slurry or EPB), in rock, and or by pipe jacking – Minimum three (3) projects.
- Experience in the management of the procurement and production of precast concrete elements, this can include management of Sub-Contractors for the supply of precast units. – Minimum three (3) projects.
- Experience of operating TBMs in varying ground conditions including inflowing groundwater. – Minimum two (2) projects.
- Successful experience in management of excavation ground water: treatment and disposal in full compliance with the PWA and MME standards.
- Shaft sinking and construction to depths exceeding 10m. - Minimum three (3) projects.
- Underground excavation with Sprayed Concrete Lining (SCL) with shotcrete and rockbolt supporting systems. – Minimum two (2) projects.
- Experience in excavation & earthworks construction where groundwater inflow has occurred requiring dewatering – Minimum three (3) projects
- Successful experience completing a minimum of three (3) Micro Tunneling and Pipe Jacking projects incorporating underground elements each of minimum value and pipe sizes as per following table in the last ten years. Testimonial statements or Certificates of Satisfactory Completion must be appended for the three (3) projects referenced.

Turnover and Pipe sizes in Micro Tunneling and Pipe Jacking contracts			
Turnover (in million QAR)	Dia:400mm to 1000mm	Dia:1200mm to 2000mm	Dia: > 2000mm
> 200 million QAR	All companies		
101-200 million QAR	51% Qatari owned		
Up to 100 million QAR	Qatari companies only		

Note:

1. All companies having contract value > 200 million QAR will be pre-qualified for all types of works, if the bidder provides enough proof of experience on Contract Value (Financial Criteria) and size (Technical Criteria) of micro tunneling contracts.
2. Fifty one percent (51%) Qatari Owned Companies having contract value 101 - 200 million QAR will be pre-qualified for two types of works viz diameters 400-1000mm and 1200-2000mm, if the bidder provides enough proof of experience on Contract Value (Financial Criteria) and size (Technical Criteria) of micro tunneling contracts.
3. Only Qatari Companies having contract value up to 100 million QAR will be pre-qualified for only one type of work viz diameters 400-1000mm, if the bidder provides enough proof of experience on Contract Value (Financial Criteria) and size (Technical Criteria) of micro tunneling contracts.

4. Average annual revenues over the specified number of years (Based on total revenues earned by the entity).
5. The application front page shall identify the type of Category the bidder is applying for.

2.0 PROGRAMME OVERVIEW

The Authority's high level target procurement programme is as follows:

Issue PQQ	June 2016
Return of Completed Pre-Qualification Questionnaires	August 2016
Approved Applicant notifications	October 2016
ITT & Tendering commencement	To be advised

It is stressed that this target procurement programme is subject to change, including change to the dates and the stages involved in the process.

APPENDIX B: CONDITIONS OF CONTRACT

1.0 TYPE OF CONTRACT

- 1.1 The type of contract used will be as follows:
There may be various forms of Contract used on either fixed price/lump sum or re-measurement basis. The Tender Documents will specify further at time of Tender.