Project System Audit Subcontracting Group

Note: Not all items of the checklist shall be

checked. It depends on the status of the work and whether it is the first, second or third audit.

1. Project Definition

1.1 Is the Project Procedure and Execution

Manual (PPEM) available?

What is the status, issue and date?

- Does the PPEM properly describe the scope of work and services expected from your discipline to execute the work?
- 1.3 Have Company/client, guides/practices/ procedures and forms applicable and to be used by your discipline, been listed in the PPEM?

Are they available in your group?

1.4 Are specific project specifications and/or amendments applicable and to be used?

Are these certified, including client's comments incorporated?

Have they been listed in the PPEM?

1.5 Have job related internal instructions been developed and issued?

2. Subcontracts Engineering

- **2.1** Have the ITB, the contract and the PPEM been reviewed for specific subcontract requirements?
- 2.2 Has a project subcontract plan been prepared and issued?

Has that subcontract strategy been agreed with the Project Manager (e.g. unit price, lump sum, etc.)?

RB28033.doc www.red-bag.com SHEET

2 of 7

Remarks

Action

Checklist

to obtain at least three bids?

Show some examples.

2.16 Has a policy for single source bidders been established?

> To what extent were client and Field Construction involved in developing the policy?

- 2.17 What interfaces have been established with:
 - client?
 - procurement?
 - specialist/engineering?
 - project manager?

BB28033 doc SHEET www.red-bag.com 3 of 7

- field?
- **2.18** Have any special interface conditions been agreed upon with the client?

Has Legal Department been involved?

- 2.19 How is subcontracting informed about quantity adjustments during detailed design after contract award including final expected quantities?
- 2.20 Is a detailed construction schedule available to subcontractors to properly establish the scope of work period?
- **2.21** Has a claim handling procedure been established?
- What arrangements have been made to minimize the risk of having to deal with claims?
- **2.23** Where is the pipeshop located in relation to the construction site?
- 2.24 Has the HO subcontract work been executed under responsibility of the Manager Subcontracts?

If not, why and by whom?

- **2.25** If no, were all subcontract standard documents used and readily available?
- **2.26** To what extent is the Company S&E standard BN-S-UP102 applicable?

Is there proof of proper implementation?

- 4.2 Did the subcontract supervisor prepare or accept the manhour estimate, planning and manpower curve in executing his scope of work?
- **4.3** Which basis has been used to establish the manhours, manpower duration for the Subcontracting Group?
- **4.4** Is progress of the Subcontracting Group being measured?

Which tool is being used to measure the progress?

How is the progress reported to the Project Manager and Cost Engineer?

RB28033.doc www.red-bag.com SHEET 6 of 7

when changes are/or slippages are

encountered?

	Checklist	Rem	arks	Action (X)
4.17	What is currently the percentage of agency personnel on the job within the subcontracting group?			
5.	Additional Questions			
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			7 of 7	