### **Exhibit B**

CITY OF PORTLAND BUREAU OF ENVIRONMENTAL SERVICES PRECONSTRUCTION PHASE DELIVERABLE PROJECT # E10999

Downtown/Old Town Main/Taylor Sewer Rehabilitation Project Construction Manager/General Contractor Serv es

# DIVERSITY, EQUITY, AND INCLUSION PLAN

January 2022









# **TABLE OF CONTENTS**



Section	Page	
PLAN GOAL	2	
SECTION 1: Diversity, Equity, and Inclusion Plan Commitment	3	
SECTION 2: Subcontracting Plan – Procurement and Outreach	4	
SECTION 3: Workforce – Apprenticeship/Pre-Apprenticeship, and Diversity, Recruitment, and Retention	8	
SECTION 4: Compliance	16	

ATTACHMENT A: Bid Packaging Plan

**ATTACHMENT B:** RFP Diversity and Apprentice Requirements

# **PLAN GOAL**

The Diversity, Equity, and Inclusion Plan will provide the planning and tools to guide the project team through the procurement and subcontracting process while providing a high level opportunities for our local subcontracting community

# **DIVERSITY, EQUITY, AND INCLUSION PLAN** COMMITMENT

The purpose of the Diversity, Equity, and Inclusion Plan (DEIP) is to ensure that the public served by the City receives the fullest benefit of the Project undertaken by the City, to improve and increase construction contracting and employment opportunities for racial and ethnic minorities, women, and economically disadvantaged individuals on City projects, to ensure that the City is making conscious and specific efforts through its contracting processes to not discriminate or indirectly perpetuate the historic under-inclusion of racial and ethnic minorities, women, and economically disadvantaged individuals in the construction industry and trades, and to ensure that the City receives the benefit of a highly skilled and well-trained workforce, and provides opportunities for firms that reflect the diversity of Portland in the Contractor and Subcontractor pools.

Oxbow Construction's (Oxbow's) objective for this project is to use the goals as a floor and the spirit of the DEIP to maximizing the utilization of DMWESB contractors and suppliers, maximize the utilization of apprentices, and utilize a diverse workforce during construction. In addition, we will make special efforts to outreach to historic underutilized racial and ethnic minorities, women, and economically disadvantaged individuals in the construction industry and trades and firms. To ensure that the agreed upon goals and aspirations are met, and to assist in the implementation and monitoring, Oxbow's Project Manager, Jim Hall, will designate a DMWESB Coordinator for the project. The DMWESB Coordinator for the project will assist Oxbow in the preparation of Diversity, Equity, and Inclusion and Subcontracting Plan, Workforce and Hiring Plan, outreach and compliance, and monitoring and reporting during the construction phase.

The Oxbow DEIP requirements and goals, excerpted from the plan, include:

**COMMUNITY APPRENTICESHIP REQUIREMENTS** – a requirement of 20% of the labor hours in each apprenticeable trade shall be worked by apprentices

**COMMUNITY WORKFORCE GOALS** – a set of aspirational goals for women and minority workforce participation are as follows:

**Apprentices:** The aspirational workforce diversity goals for minority and women apprentice workers shall be thirty one percent (31%) of total apprenticeable labor hours by trade, which shall be disaggregated as follows:

- Twenty-two percent (22%) of total apprentice hours by trade shall be worked by minority apprentices; and
- Nine percent (9%) of total apprentice hours by trade shall be worked by women apprentices.

**Journey Level:** The aspirational workforce diversity goals for minority and women journey level workers shall be twenty- eight percent (28%) of total journey level hours, which shall be disaggregated as follows:

- Twenty-two percent (22%) of total journey level hours by trade shall be worked by minority journey level workers; and
- Six percent (6%) of total journey level hours by trade shall be worked by women journey level workers.

**SUBCONTRACTING GOALS** (aspirational goals) for DMWESB participation on all construction contracts subject to the DEIP:

- 22% overall
- 12% D/MBE
- 5% WBE
- 5% DDMWESB

For this project the participation goals based on the total amount distributed by Oxbow Construction as subcontracted work. For this project, the DTOTMT CMGC project defines the Gross Maximum Price (GMP) as the hard or direct construction costs (labor, equipment, materials, subcontractors and miscellaneous direct fees and expenses), the indirect construction costs such as supervision and temporary facilities, the CMGC fee (profit and overhead), and the allowed contingency amounts as negotiated under the CMGC agreement.

# SUBCONTRACTING PLAN

### **SUBCONTRACTING GOALS** (ASPIRATIONAL) FOR **DDMWESB PARTICIPATION**

- 22% overall
- 12% D/MBE
- **5**% WBE
- **5**% DDMWESB)

Oxbow Construction (Oxbow) recognizes that a barrier to entry for many DMWESBs is that they are afforded fewer opportunities to contract with non-DMWESB primes on commercial construction contracts and that historical disparity has adversely impacted opportunities for disadvantaged, minority, and women owned firms in the construction industry. Oxbow has committed to exceeding the subcontracting goals that are listed below and we have prepared a bid packaging plan (Attachment A) detailing how these goals will be met.

#### PROCUREMENT PLAN / BID PACKAGING PLAN

Oxbow is committed to building the capacity of local DMWESBs. cultivating relationships and building teamwork that will provide specific benefits for us on this project and in the future, and general benefits to the contracting community. Oxbow will start the evaluation process with the assumption that all non-self performed subcontracted work is potentially available for DMWESB participation. Scopes of work will be further evaluated and refined to maximize the number of opportunities tailored to DMWESB participation. With this goal in mind, Oxb<mark>ow was g</mark>uided by the following principles in designing bid packages:

- Unbundle large bid packages to create the largest number of opportunities
- Research the local DMWESB marketplace to determine the scopes of work with highest DMWESB availability
- Utilize the City's Prime Contractor Development Program ("PCDP") participants as a first source, where possible, in either direct contracting or soliciting for scopes of work for the Project.
- Contract with more than one DMWESB for areas of high availability to expand Oxbow subcontracting pool and increase the number of opportunities to DMWESBs
- Require DMWESB sub tier outreach and target DMWESBs for all Formal Packages and incorporate participation commitments into our selection criteria.



Oxbow procurement/bid packaging plan is summarized in Attachment A. This plan details our approach to subcontract bid packages, equipment procurement packages, and self-perform work packages and is designed to meet the requirement and goals of the DEIP. The Oxbow bid packaging plan shows DMWESB subcontractor participation at **23.18%**, exceeding the 22% goal set by the City.

Estimated values of the hard construction costs shown on the attached bid packaging plan are based on Oxbow's estimate of the 100% design documents.

Oxbow will require that all contracts include all Exhibit E requirements and goals. Also, we will require at bid time, both a plan for meeting the apprenticeship hours for the project and we will require that bidders include their plan for meeting the diversity in the trades goals, as well. Bids received without a demonstrable plan will be considered non-responsive and rejected.

Oxbow's bid packaging plan (included in Attachment A) details:

- Package Number

   Package numbers beginning with an "S" represent subcontracted work...
- Package Description Describes the scope to be completed under that bid package.
- **Estimated Value** (of the bid package) The values shown are based on the 30% Estimate and represent the most accurate and current information available at the time this plan was prepared (2020-09-01)
- Opportunity for DMWESB Participation 1st Tier represents subcontracts directly with the CM/GC. 2nd Tier represents opportunities to work as a subcontractor to the party working directly for CM/GC.
- **Procurement Method** "Informal", "Best-Value", and "Price-Based" shall have the meanings defined in Section 3 of this Plan.

Bid packages highlighted in **green** in Appendix A will be procured using the "informal" selection method and will be targeted specifically at D/M/W firms.

Packages highlighted in **burnt orange** in Appendix A will be procured using the "best-value" selection method. Best-value selections will be made based on a combination of DMWESB participation, qualifications, and price. In order to be considered for award, bidders must demonstrate a minimum D/M/W participation level as shown in the columns entitled "DMWESB \$" and "DMWESB % Package". Bids unable to demonstrate this level of participation will not be considered and will be rejected.

For certain "informal" and "best value" packages, and with the City's approval, Oxbow may bypass the standard procurement procedures and target participants in the City's Prime Contractor Development Program (PCDP) directly.

Bid Packages highlighted in purple in Appendix A will be procured using the "price-based" method. Price-based packages will include a prequalification process. These "price-based" packages will include a requirement for a minimum D/M/W participation level as shown in the columns entitled "DMWESB \$" and "DMWESB % Package". Bids unable to demonstrate this level of participation will not be considered and will be rejected.

- DMWESB (\$) Values shown represent the expected dollars to be awarded to a qualified DMWESB contractor.
- DMWESB (% Package) Dollars expected to be awarded to a qualified DMWESB contractor divided by estimated value of the package as expressed as a percentage.
- DMWESB (% Project) Dollars expected to be awarded to a qualified DMWESB contractor divided by estimated total hard construction costs as expressed as a percentage.

Oxbow Construction's self-perform work, as approved by the City, shall include all preliminary investigation of sewers and laterals (to be performed under the Early Work Packages Scope in Phase 1 of the CMGC process), CIPP lining, and lateral lining and cleanout construction.

#### **EARLY-OUT BID PACKAGES**

As required by our Phase 1 (pre-Construction) scope of work, OXBOW CONSTRUCTION worked with the City and its CMGC Kennedy-Jenks agent to identify bid packages beneficial to fast-tracking of construction including:

- Bid Package 363-#01 Flagging and Traffic Control
- Bid Package 363-#02 TV Video Inspection
- Bid Package 363-#03 Plumbing Services (Permitting and Private Side Work)

These early-out bid packages will be let based on the 30%-60% Design Documents provided by the Engineer of Record, Murraysmith. It is the desire of the project team the above packages be secured in advance such that early work investigation may be performed and the findings of those investigations be incorporated into the 90% Design Documents.

# WORKFORCE

Oxbow Construction (Oxbow) is committed to facilitating the recruitment, retention, and promotion of historically disadvantaged or underrepresented people, including racial and ethnic minorities, and women who are interested in careers in the construction industry.

Oxbow's commitment to Workforce Training and Hiring (WFTH) goals include ensuring firm commitment of 20% apprenticeship, ensuring to have a project workforce that reflects the workforce goals in the DEIP both for journey workers and apprentices. In addition, Jim Hall, the project manager, personally commits to maintain a harassment-free workplace, in which all work must be assigned in a manner that respects training objectives for apprentices and ensures an equitable distribution of meaningful work, training, and assignments among all workers.

Our goal is a Harassment-Free Workplace that is appropriate, productive, safe, free from bullying, hazing or harassment. We will have a workplace free from behaviors that may impair production or undermine the integrity of the work conditions including but not limited to job performance, safety, productivity, or efficiency of workers.

#### HARASSMENT-FREE WORKPLACE

Oxbow is committed to a harassment free workplace. Oxbow will complete a comprehensive jobsite orientation for all workers, including City, Oxbow and all employees of Oxbow and all subcontractors who will participate in the project site. The training is required to be completed, with acknowledgment of the training through a signed acknowledgment form and hard hat sticker before any worker enters the project.

8

Oxbow's harassment-free workplace will cover the following:

- Dissemination of the Prohibition Against Workplace Harassment, Discrimination and Retaliation Policy
- Procedures to follow for reporting and expected crew behaviors
- Verification that employees have received a copy of Oxbow's and subcontractor's policies regarding harassment, discrimination, and retaliation
- Provide a list of resources to employees identifying support systems including, but not limited to, Equal Employment Opportunities, Employee Assistance Programs, community resources, and mentors.

Oxbow will work to maintain a responsive grievance procedure that supports retention and anti-harassment efforts which will be prominently posted on the jobsite in a conspicuous and accessible location. Also, Oxbow will take steps to reduce feelings of isolation among racial and ethnic minorities and women by making every attempt to have several racial and ethnic minorities and women at the jobsite by informing such workers about available support systems. Information will be provided at the jobsite about grievance procedures and complaint processes available to workers via the City of Portland, BOLI, and other resources.

While maintaining and managing a Harassment Free Workplace is Oxbow's responsibility, each Subcontractor will have accountability for performance in sustaining and managing their own workforce and area. Oxbow will monitor the entire worksite to ascertain whether a risk or circumstance exists that may merit a remedy. Monitoring may include proactive observations of the worksite, interviews of individuals familiar with the worksite, collection of data that may evidence disparities, investigation of complaints by an individual familiar with the worksite, or collection of other evidence. If risks or circumstances that may merit a remedy are discovered, Oxbow will notify and collaborate with the City of Portland to discuss appropriate remedies, and may likewise notify Subcontractors and appropriate workforce providers when necessary for the resolution of the situation, except when unusual circumstances require confidentiality.

#### **EQUAL EMPLOYMENT OPPORTUNITY**

Oxbow is committed to supporting EEO initiatives and will do the following:

- Review and disseminate, at least annually, Oxbow and subcontractor's EEO policy and affirmative action obligations under the DEIP with all employees having any responsibility for hiring, assignment, layoff, termination and other employment decisions.
- Provide cultural competency training, or provide access to such training, to all
  managers, supervisors, and owners, and conduct a review, at least annually, of all
  managers' and supervisors' adherence to and performance under Oxbow and
  subcontractor's EEO policies, affirmative action obligations, and cultural competencies.
- Provide the number of toilet facilities in an amount proportional to the ratio of women
  working on the project and will maintain a clean and free from graffiti, accessible
  and locking toilet for crew members who identify as women to help create a respectful
  environment.
- Provide clean, accessible, private, and locking lactation facilities separate from toilet facility.
- Documentation will be maintained by Oxbow of best efforts of compliance with all EEO strategies, workplace training participants, and Oxbow and all subcontractors shall exercise best efforts and work in good faith to achieve the workforce diversity goals and fulfill the requirements set forth for the life of the project.

#### APPRENTICESHIP / PRE-APPRENTICESHIP

Oxbow recognizes the need to support programs designed to develop adequate numbers of competent workers in the construction industry and that effort is needed to facilitate the entry of historically disadvantaged or underrepresented people, including racial and ethnic minorities, women, and low-income people, who are interested in careers in the construction industry.

Oxbow is fully committed to increasing apprenticeship opportunities to ensure successful completion and retention of workers in the trades.

Goal: The CMGC Contractor and any Subcontractor in any tier of \$300,000 or more, shall achieve a participation level of at least twenty percent (20%) labor hours in each apprenticeable trade by apprentices enrolled in a state-approved or federally approved apprenticeship program during all of the hours worked on the project. However, OXBOW CONSTRUCTION will encourage all subcontractors regardless of contract value to employ apprentices on the project in accordance with apprentice ratios.

#### Apprenticeship/Pre-Apprenticeship Planning, Hiring, and Tracking:

- As referenced earlier, before each subcontractor starts work on the project, Oxbow will have a pre-job startup meeting to go over DEIP goals on the project.
- To ensure that all apprentices on the project are enrolled in a state or federally registered apprenticeship program, Oxbow will get a workforce/apprenticeship plan (Exhibit 2 Form) before each subcontractor starts work and will verify training agent status in each trade to be worked with BOLL
- Oxbow will ensure that subcontractors are registered with BOLI as approved training agents in all trades of work being performed. If a subcontractor is not approved, Oxbow will work with the subcontractor to become an approved training agent to ensure that there are no barriers to the apprenticeship goal being met.
- Oxbow and subcontractors will work with the union and non-union hiring resources and CBOs for open apprenticeship opportunities.
- Using a Worker Request Form, Oxbow will request female and minority apprentices from the union or open shop apprenticeship program to ensure that a diverse workforce is top of mind.
- If the apprenticeship program is unable to satisfy Oxbow or subcontractor's request, Oxbow shall contact recognized pre-apprenticeship programs, and/or CBOs which have been approved by BOLI, as a "first source" for referrals and seek to enroll interested individuals into the apprenticeship programs.

After the "first source" outreach is exhausted, Oxbow and subcontractors will contact other CBOs, which may not be BOLI approved, to request information on individuals that are or may be interested in enrolling in an apprenticeship program.

Oxbow wants to support those who seek careers in the construction trades and their programs are designed to build the necessary skills to meet the minimum entry qualifications to enter a trade or apprenticeship program.

- Oxbow will collect from all subcontractors and keep a list of late-term apprentices
  or journey workers that are working on the project site who are willing to serve as
  mentors for apprentices and pre-apprentices.
- Oxbow will ensure that apprentices are paid in accordance with state or federal
  prevailing wage rates applicable with the project.
- Oxbow will maintain and submit documentation of equity efforts

During the life of the project, Oxbow will document information regarding the implementation of the DEIP Construction Plan. Information to be documented including all aspects of the program, including but not limited to:

- The creation of DMWESB packages
- Inquiries of DMWESB interest in bidding, bid amounts, and contract awards
- Level of performance
- Subcontractor payments
- Subcontractor replacement requests/decisions
- · Technical assistance provided
- Workforce training and hiring results
- Problems and successes experienced
- Mentoring and capacity building results, apprenticeship results, including disaggregated racial, ethnic, and gender data by the 5th of each month
- Results will be submitted electronically via the Contract Compliance Reporting System monthly and is subject to review by the CEIC.
- Oxbow will prepare two copies of these reports and submit them electronically via email to City by the 15th of each month. Within 15 days of submitting its monthly report, Oxbow will prepare and update the dashboard with monthly results. Oxbow will meet monthly with DEIP to review MWESB, and WFTH results.

#### **WORKFORCE DIVERSITY, RECRUITMENT, AND RETENTION**

Oxbow recognizes and is fully committed to the recruitment, retention, and promotion of historically disadvantaged or underrepresented people, including racial and ethnic minorities and women who are interested in careers in the construction industry.

### For subcontracts at any tier of \$100,000 or more, the aspirational goals for workforce diversity are:

**Apprentices:** The aspirational workforce diversity goals for minority and women apprentice workers shall be thirty-one (31%) of total apprenticeable labor hours by trade, which shall be disaggregated as follows:

- Twenty percent (22%) of total apprentice hours by trade shall be worked by minority apprentices; and
- Nine percent (9%) of total apprentice hours by trade shall be worked by women apprentices.

### For contracts at any tier of \$300,000 or more, the aspirational goals for workforce diversity are:

Journey Level: The aspirational workforce diversity goals for minority and women journey level workers shall be twenty-eight percent (20%) of total journey level hours, which shall be disaggregated as follows:

- Twenty-two percent (22%) of total journey level hours by trade shall be worked by minority journey level workers; and
- Six percent (6%) of total journey level hours by trade shall be worked by women journey level workers.

#### **HIRING PROCEDURES**

Oxbow is committed to supporting EEO initiatives and will do the following:

- As listed above, Oxbow will ensure that all apprentices on the project are enrolled in
  a state or federally registered apprenticeship program, Oxbow will get a workforce/
  apprenticeship plan before each subcontractor starts work and will verify training agent
  status in each trade to be worked with BOLI.
- Oxbow and subcontractors will work with the union and non-union hiring resources and CBOs for employment opportunities.
- Within 15 days of being awarded the Contract or acceptance of the bid, Oxbow and subcontractors will notify the unions and non-union organizations of all opportunities for employment on the project.
- Oxbow and subcontractors will continue to provide the union and non-union organizations updated information on the project as scopes of work and bid packages are delineated.
- To attract minority and women workforce candidates, Oxbow will participate in community job fairs and other community workforce outreach events including – Oregon Tradeswomen Career Fair, etc. Oxbow and subcontractors will inform unions, non-union organizations, apprenticeship programs, and CBOs of the goals in the DEIP and will request that diverse journey level workers and apprentices be referred.
- Oxbow is designating Andre' Baugh and Jennifer Erickson to be the point person(s) for participation and fulfillment of the requirements of the DEIP.

#### RECRUITMENT AND RETENTION

- For contracts in excess of \$500,000, Oxbow and all subcontractors will setup and track the following information on recruitment:
- Conduct workshops with or otherwise solicit input from employees to enlist suggestions and ideas on how to increase employment of underutilized groups.
- Participate in or conduct job fairs to discuss the project and to recruit minority and women employees and subcontractors. Oxbow will participate in the Oregon Tradeswomen Career Fair and other local fairs that promote a diverse workforce in the construction industry.
- Allow scheduled jobsite visits, as safety allows, by participants in community programs to increase awareness of job and training opportunities in the construction trades. Oxbow will invite Pre-Apprenticeship program to brown bag site visit and discussion with project apprentices.
- Keep applications from qualified women and minorities for the duration of the project and notify them when an opening occurs.
- Participate in community outreach events and keep sign-in sheets from outreach efforts.

# COMPLIANCE

Oxbow Construction (Oxbow) fully intends to meet the compliance requirements of this plan as it is a critical component to tracking, monitoring, and meeting the equity goals.

PRE-CONSTRUCTION SUBMITTALS will include solicitation and outreach efforts and award of subcontracts. Also, Exhibit 2, Projected Hiring Needs Form will be submitted for each subcontractor before they start work onsite.

**CONSTRUCTION MONTHLY SUBMITTALS** – Certified Payrolls/ workforce tracking will be submitted monthly for each firm as well as Monthly Subcontractor Payment and Utilization Reports.

- Also, recruitment, retention, and graduation data will be compiled per the DEIP to fulfill the equity requirements.
- Ensure timely electronic submittals

**MONTHLY MONITORING AND COMPLIANCE** – all workforce. apprenticeship and DMWESB participation will be monitored on a monthly basis to ensure the DEIP requirements and goals are being met for all firms.

 Corrective Action Plans (CAP) will be utilized to improve participation efforts, if needed, per the monitoring and compliance that is done each month.

MONTHLY DEIP REPORTING will be compiled to share with the Diversity, Equity, and Inclusion Committee.

**QUARTERLY REPORTING** – Oxbow will compile disaggregated racial, ethnic, and gender data and provide data to the City for verification, per the DEIP.

### DTOTMT SEWER REHABILITATION PROJECT, PROJECT NUMBER E10999

Plan Preparer:						
O Ha D						
Jim Hall Project Manager, Oxbow Construction						
Dated: <b>2022-01-25</b>						
Plan Approval:						
Susan Hjorten						
Susan Hjorten, Project Manager, BES						
Dated: 02/01/2022						
Plan Approval:						
Paula Wendorf Wendorf Date: 2022.02.01 08:51:17 -08'00'						
Paula Wendorf, Contract Compliance Specialist,						
Procurement Services						
Dated: 2.1.2022						



# **SUBCONTRACTING OPPORTUNITIES\***

(\*updated for 100% design estimate)

PACKAGE NO.	PACKAGE DESCRIPTION	OPPORTUNITY 1ST/2ND TIER	PROCUREMENT STRATEGY	PLANNED D/M/W/ESB (\$)	PLANNED D/M/W/ESB (% PACKAGE)	PLANNED D/M/W/ESB (% PROJECT)
363-01	Traffic Control and Flagging	1st	Best Value	\$300,000	100%	4.04%
363-02	Sewer Video Inspection	1st	Best Value	\$60,000	100%	0.81%
363-03	Plumbing Services – Private	1st	Best Value	\$20,000	100%	0.27%
363-04	Open Cut Sewer Construction	1st	Price	\$200,000	100%	2.70%
363-05	Erosion Control Planning and Inspection Services	1st	Best Value	\$10,000	100%	0.13%
363-06	HDD Drilling Sewer Construction	1st	Best Value	\$225,000	100%	3.03%
363-07	Pipe Bursting Sewer Rehabilitation	1st	Best Value	\$30,000	100%	0.40%
363-08	Concrete Flatwork and Paving	1st	Price Based	\$25,000	100%	0.34%
363-09	AC Paving Restoration	1st/2nd	Price Based	\$320,000	100%	4.31%
363-012	Landscape Planting (Contingency)	1st	Price Based	\$5,000	100%	0.07%
363-013	Project Field Assistance (Assigned with RFP Proposal)	1st	Best Value	\$100,000	100%	1.35%
363-014	Leeway Engineering (Assigned with RFP Proposal)	1st	Best Value	\$100,000	100%	1.35%
363-015	Trucking and Hauling	1st/2nd	Best Value	\$50,000	100%	0.67%
333-017	Pavement Sawing	1st	Price	\$25,000	100%	0.34%
363-018	Vac Truck Services	1st	Price	\$50,000	100%	0.67%
363-020	Hand Boring	1st	Best Value	\$200,000	100%	2.70%
363-021	One piece Main - Lateral Lining	1st	Best Value		0%	0.00%
	TOTAL HARD CONSTRUCTION COST			\$7,420,532.39		23.18%

Estimated Values shown above are based on the Oxbow estimate developed from the 100% design documents. Actual DMWESB participation will not be known until the work is bid/released.

- DMWESB (\$) Values shown represent the expected dollars to be awarded to a qualified DMWESB contractor.
- DMWESB (% Package) Dollars expected to be awarded to a qualified DMWESB contractor divided by estimated value of the package as expressed as a percentage.
- DMWESB (% Project) Dollars expected to be awarded to a qualified DMWESB contractor divided by estimated total hard construction cost as expressed as a percentage.

